



Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPSC



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

Rajasthan Police Constable (Held On: 13 May 2022 Shift 1)

Total Time: 2 Hour

Total Marks: 75

Instructions

Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	Full Test	150	75	0.125	0.5

- 1.) A total of 120 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

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Full Test

1. Choose the option which is related to the third number in the same way as the second number is related to the first number. (+0.5, -0.125)

2 : 24 :: 5 : ?

- a. 302
- b. 102
- c. 201
- d. 210

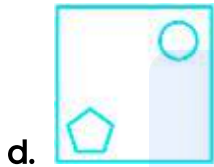
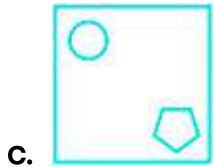
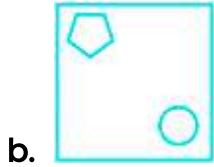
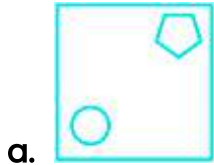
2. Select the option which is related to the third letter-group in the same way as the second letter-group is related to the first letter-group. (+0.5, -0.125)

BTRDE : CEFSU :: RSVYT : ?

- a. SVTWA
- b. SUTWZ
- c. STUWZ
- d. STVWZ

3. Select the option which is related to the third figure in the same way as the second figure is related to the first figure. (+0.5, -0.125)





4. Which of the following option is not related to the other options? (+0.5, -0.125)

- a. Assessment
- b. Examination
- c. Investigation
- d. Diagnosis

5. In a code language JUDGEMENT is written as UTMJGEED. How will PUNISHMENT be written in the same language? (+0.5, -0.125)

- a. UTSPMNNIHE
- b. UTSPNNMJHE

c. UTSPNNMIHE

d. UVSPNNMIHE

6. If in a code language, GAME is coded as 104 and PLAY is coded as 216, (+0.5, -0.125)
then how would you write WIN in that language?

a. 118

b. 128

c. 132

d. 138

7. Introducing a man to his friend, Amina says, "His father is the only son of my father"! How is Amina related to that person? (+0.5, -0.125)

a. Auntie

b. Mother

c. Sister

d. Niece

8. In a family of five members, L is the son of O. K's sister O is married to M who is E's father. Which of the given options statement is correct? (+0.5, -0.125)

a. E is the daughter of O.

b. M is the brother-in-law of K.

c. E is sister of L.

d. O has two sons.

9. If a guiding pole (face) is rotated in such a way that its North-East written face indicates North-West and South-East written face indicates North-East and so on in other directions, Then what will be the direction of the written face before East? (+0.5, -0.125)

a. North

b. West

c. South

d. South-west

10. Utkarsh starts walking from his house and reaches his friend's house which is 90 m away in east direction. After meeting his friend he turns right and walks 40 m. Then he turns right and walks 90 m, finally he turns to his left and walks 30 m. How far and in which direction is he from his house now? (+0.5, -0.125)

a. 70 m, North

b. 10 m, North

c. 10 m, South

d. 70 m, South

11. For a badminton tournament: (+0.5, -0.125)

I. The player must have won at least one district level tournament.

II. The player must be a member of the State Badminton Society.

III. Candidate must be at least 14 years of age as on January 1, 2021.

However, if a candidate fulfills all the above conditions except:

- a) Of condition (II), but is willing to subscribe, may be allowed to play a pre-tournament trial.
- b) Of condition (III) but is a State Level Junior Badminton Champion, his case may be considered by the Tournament Committee on the basis of the facts of each particular situation.

Suppose the following is the case of a player and decide on it:

Two years back, Mukul won the state badminton championship at the age of 13. He is a member of the State Badminton Society since the age of 6.

- a. Mukul will be allowed to play in the tournament.
- b. Mukul will not be allowed to play in the tournament.
- c. Mukul's condition will be referred to the tournament committee.
- d. The information is insufficient to make a decision.

12. To be admitted as a zoology lecturer in a college the applicant must possess the following qualifications. (+0.5, -0.125)

- 1. Post Graduate in Zoology with minimum 60% marks.
- 2. Should not be more than 35 years of age.
- 3. Passed the National Level Eligibility Test.
- 4. Minimum 3 years experience in teaching.

If a candidate fulfills all the above criteria except:

- a) Of (3), but has passed the State Level Eligibility Test, may be provisionally allowed for interview.

b) Of (4), then he can be kept on contractual post for 3 years.

Suppose the following is the case of the candidate and decide:

Meghna is 27 years old, she is pursuing B.Sc with 70% marks. Graduation and M.Sc. Zoology passed with special qualification. He has 5 years experience as a teacher in a reputed college.

- a. Meghna will be selected
- b. Meghna will not be selected
- c. Meghna will be allowed provisionally for interview
- d. The information is insufficient to make a decision.

13. For the post of Super Specialty in Trauma Centre, the applicant should possess the following qualifications. (+0.5, -0.125)

- a) MBBS with minimum 50% marks and MD/MS with minimum 70% marks.
- b) Minimum 5 years work experience in District level hospital.
- c) Should not be more than 40 years of age as on 1st July, 2020.

However, if the applicant fulfills all the above criteria, except:

- (i) Of (a) but has obtained 70% marks in graduation and 50% in MD with 5 years work experience, his/her case may be referred to the selection board.
- (ii) Of (b), and has only 3 years' experience, he may be placed on probation for gaining the remaining years' experience.

Suppose the following is the case of the candidate and decide:

Kavish is MBBS doctor with 60% marks and has done master in Neurosurgery with 82% marks. He is working as Senior Resident in District Hospital for three years. Last year he celebrated his 34th birthday.

- a. kavish will be selected
- b. Kavish will not be selected
- c. Kavish's case will be sent to the selection board
- d. Kavish will be placed on probation for two years

14. For admission to Hotel Management course, a candidate must possess the following qualifications. (+0.5, -0.125)

- 1. Must be minimum 18 years of age.
- 2. Must have completed Intermediate in First Division.
- 3. Have secured at least 60% marks in the entrance examination.
- 4. Be able to pay the course fee of Rs.1 lakh.

If the candidate fulfills all the above criteria except:

- a) of condition 2, but has obtained 85% marks in the entrance test, his/her case will be referred to the Chairman.
- b) of condition 4, but is ready to pay the fee in two instalments, his case may be referred to the Dean.

Suppose the following is the case of the candidate and decide:

Shikhar has completed his intermediate in first division and has got 80% marks in the entrance exam. He is 20 years old and is ready to pay the tuition fee in two easy installments.

- a. Information is not enough to make a decision.
- b. Shikhar will get entry.
- c. Shikhar's case will be sent to the Dean.

d. Shikhar's case will be referred to the Speaker.

-
15. Study the statement given below followed by two assumptions and choose the appropriate alternative that indicates the assumption that is implicit in the statement. (+0.5, -0.125)

Statement : "Provide incentives for better performance" - a company policy

Presumption :

- (I) Incentives motivate people to work.
 - (II) Employees do not work without incentives.
- a. Only the assumption I is implicit.
 - b. Only Assumption II is implicit.
 - c. Either Assumption I or Assumption II is implicit.
 - d. Neither Assumption I nor Assumption II is implicit.

-
16. Study the statement below and then the two presuppositions and select the appropriate option that indicates the presupposition that is implicit in the statement. (+0.5, -0.125)

Statement: "Accept failure and learn from it"

Presumption:

- (I) Everyone should fail at some point in life.
 - (II) Failure is also an opportunity for success.
- a. Only presupposition I is implicit.
 - b. Only assumption II is implicit.

- c. Neither assumption I nor presupposition II is implicit.
- d. Both assumptions I and II are implicit.

17. Study the statement below and then the two presuppositions and select the appropriate option that indicates the presupposition that is implicit in the statement. (+0.5, -0.125)

Statement: Private schools give better results than government schools.

Presumption:

- (I) Government school students are not intelligent.
 - (ii) Private school teachers are more qualified than government school teachers.
- a. Only presupposition I is implicit.
 - b. Only assumption II is implicit.
 - c. Neither assumption I nor presupposition II is implicit.
 - d. Both presuppositions I and II are implicit.

18. From the given alternatives, select the word pair of which two words are related in the same way as both the words of the following word pair are related to each other. (+0.5, -0.125)

Book : Text

- a. Paper : Newspaper
- b. Copy : Write
- c. Home : Flat

d. Garden : Plant

19. From the given alternatives, select the word pair of which two words are related in the same way as both the words of the following word pair are related to each other. (+0.5, -0.125)

Student : Teacher

- a. Captain : Player
 - b. Animal : Trainer
 - c. Gymnasium : Ustad
 - d. Illness : Doctor
-

20. Out of the given four sets of letters, three are alike in some way, and one is different. Select a different letter-group. (+0.5, -0.125)

- a. CEHLQ
 - b. QSVZE
 - c. FHKOP
 - d. PRUYD
-

21. From the alternatives, select the combination of letters which, when sequentially placed at the blanks of the given series, will form a recurring pattern. (+0.5, -0.125)

_ km _ _ km _ lkm _ _ kmp

- a. lplmpl

- b. lmlppl
- c. lplppl
- d. lplppm

22. From the alternatives, select the combination of letters which, when sequentially placed at the blanks of the given series, will form a recurring pattern. (+0.5, -0.125)

x _ _ zxzx _ yzx _ _ xyzxzx _ _ xzxxxyzx _

- a. xxyzxyz
- b. xyzxxyz
- c. xzzxyz
- d. xyzzyxz

23. If half the letters of the given series are written in reverse and they are brought to the beginning of the series, then which letter/digit will come at 11th position to the left of 9th from the right? (+0.5, -0.125)

BDCWIUEQR98Y238930957ASHFEWUYQ3R

- a. 5
- b. 7
- c. 9
- d. A

24. Which of its two numbers should be interchanged to make the following equation correct? (+0.5, -0.125)

$$\{(23 + 17)/2\} 4 - 6 + 12 = 26$$

- a. 4 and 6
- b. 2 and 4
- c. 4 and 12
- d. 23 and 26

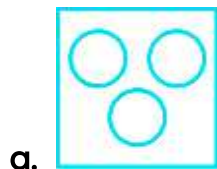
25. Which two signs should be interchanged to make the following equation correct? (+0.5, -0.125)

$$4 \times 8 + 7 \times 9 \div 60 - 5 = 83$$

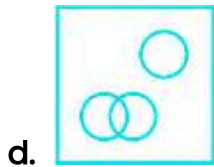
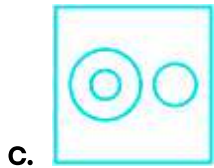
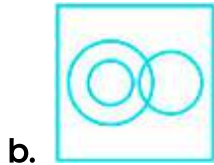
- a. $\times$ and $+$
- b. $\times$ and $-$
- c. $\times$ and $\div$
- d. $-$ and $\div$

26. Which of the following Venn diagram best represents the relationship between the following classes? (+0.5, -0.125)

Mother, Father, Housewife

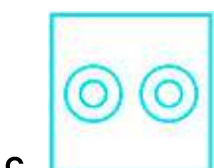


a.



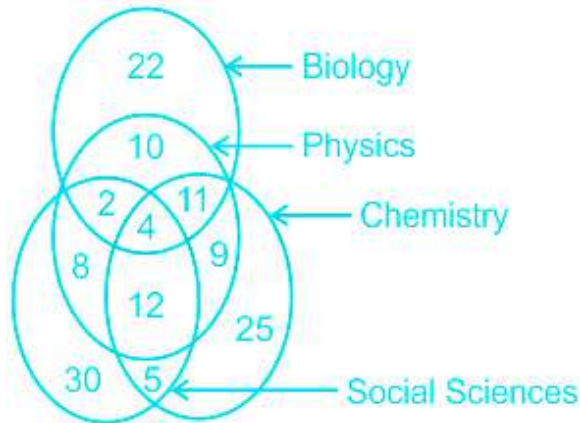
27. Which of the following Venn diagrams best represents the relationship between the following classes? (+0.5, -0.125)

Tiger, Dog, Animal, Farm



28. Study the Venn diagram given below which shows the number of students selected for various optional subjects.

(+0.5, -0.125)



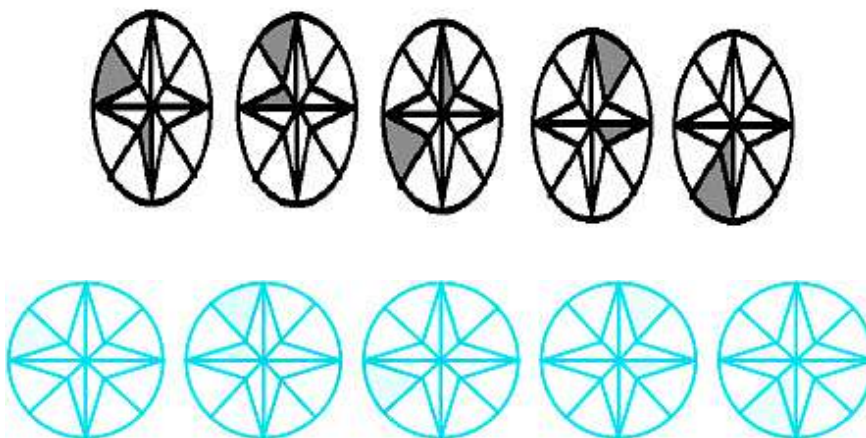
How many students want to study both biology and social science but do not want to study chemistry?

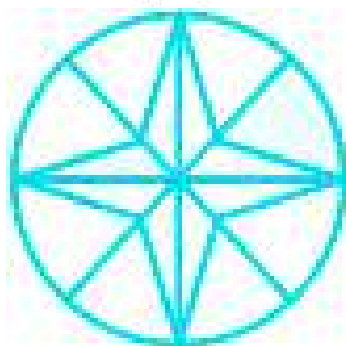
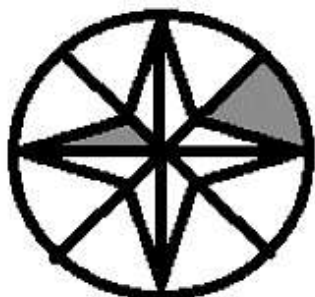
- a. 4
- b. 2
- c. 6
- d. 8

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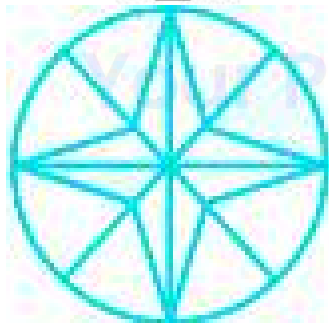
29. Select the figure that will come next in the following figure series.

(+0.5, -0.125)





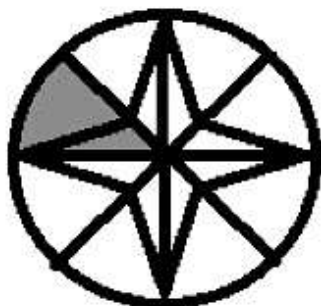
a.



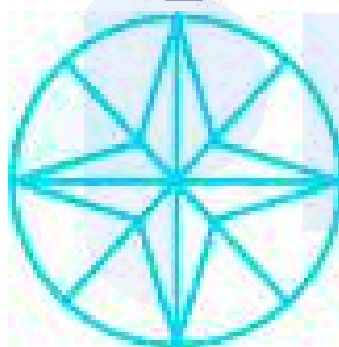
b.



c.

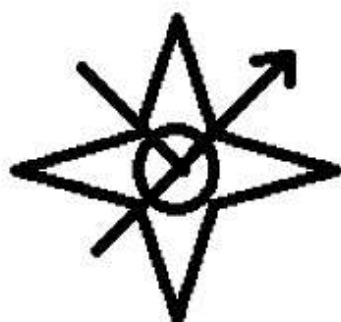


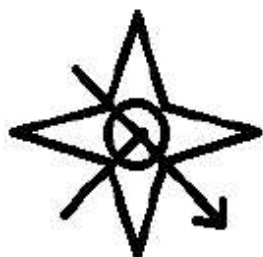
d.



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30. Which of the following option-figure is the mirror image of the given figure (mirror is placed to the right of the figure)? (+0.5, -0.125)





a.



b.



prepp
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c.



d.

31. Which of the following keyboard shortcuts is used to open File Explorer in Windows operating system? (+0.5, -0.125)

- a. Windows logo key + E
- b. F5
- c. Windows logo key + I

d. Windows logo key + C

32. What is the name of the main screen area you see after you turn on your computer and log on to Windows? (+0.5, -0.125)

- a. Desktop
- b. Applications
- c. Windows
- d. Frame

33. Match the correct : (+0.5, -0.125)

	Software product		Type
a	Ubuntu	i.	Antivirus software
b.	Firefox	ii.	Operating system
c.	Ms-Outlook	iii.	Browser
d.	MacAfee	iv.	Email client

- a. a - ii, b - iii, c - iv, d - i
- b. a - i, b - iii, c - iv, d - ii
- c. a - ii, b - iii, c - i, d - iv

d. a - ii, b - i, c - iii, d - iv

34. Which of the following keyboard shortcuts can be used to open Developer Tools in Google Chrome? (+0.5, -0.125)

- a. Ctrl + Shift + j
 - b. Ctrl + Shift + b
 - c. Ctrl + T
 - d. Ctrl + Shift + m
-

35. What does S mean on HTTPS? (+0.5, -0.125)

- a. Single
 - b. Server
 - c. Simple
 - d. Secure
-

36. What does mean of 'R' in 'URL'? (+0.5, -0.125)

- a. Resource
 - b. Required
 - c. Response
 - d. Report
-

37. In which of the following process files are transferred from a computer server to your computer on the Internet? (+0.5, -0.125)

- a. uploading
- b. downloading
- c. send
- d. request

38. The control unit (CU) and the arithmetic logic unit (ALU) together are commonly called _____. (+0.5, -0.125)

- a. Computational Unit
- b. Storage Unit
- c. Streaming Unit
- d. Processing Unit

39. Which of the following is used to convert text-image into editable text? (+0.5, -0.125)

- a. flat bed scanner
- b. Magnetic Ink Character Recognition (MICR)
- c. QR code
- d. Optical Character Recognition (OCR)

40. Identify the true/false from the following statements. (+0.5, -0.125)

a) Touch screen – pointer (cursor) input device.

b) Plotter – text input device.

a. a – true, b – true

b. a – true, b – false

c. a – false, b – true

d. a – false, b – false

41. Match the correct:

(+0.5, -0.125)

	Device		Type
a.	Magnetic tape	i.	Input device
b.	Random access memory (RAM)	ii.	Auxiliary Storage Device (Auxiliary Storage Device)
c.	Laser printer	iii.	Internal storage (internal storage)
d.	Light pen	iv.	Output device

a. a – ii, b – iii, c – iv, d – i

b. a – i, b – iii, c – iv, d – ii

c. a – ii, b – iii, c – i, d – iv

d. a – ii, b – i, c – iii, d – iv

42. Which of the following options performs all arithmetic and logical operations (AND, OR, NOT)? (+0.5, -0.125)

- a. Control Unit (CU)
- b. Arithmetic and Logical Unit (ALU)
- c. Compiler
- d. Translator

43. Identify the true/false from the following statements: (+0.5, -0.125)

- a) Cache memory is a very high-speed memory (high-speed memory) placed between the random access memory (RAM) and the central processing unit (CPU).
- b) The logic unit of the CPU compares numbers, letters and special characters.
- c) The control unit coordinates the input and output devices of the computer.

- a. a - false, b - true, c - true
- b. a - true, b - true, c - true
- c. a - true, b - false, c - true
- d. a - true, b - true, c - false

44. Identify the true/false from the following statements. (+0.5, -0.125)

- a) Optical Mouse – It senses light to detect motion.
- b) Track Ball – This is a text scanning device.

c) EPROM – Its content can be erased only once.

a. a – true, b – false, c – false

b. a – false, b – true, c – true

c. a – true, b – true, c – false

d. a – true, b – false, c – true

45. Match the correct:

(+0.5, -0.125)

	Component		Description
a.	CRT	i.	Intelligent Character Recognition
b.	WSI-integration	ii.	output device
c.	CPU	iii.	CMOS-Technology
d.	ICR	iv.	ALU, Control Unit, Register

a. a – ii, b – iii, c – iv, d – i

b. a – i, b – iii, c – iv, d – ii

c. a – ii, b – iii, c – i, d – iv

d. a – ii, b – i, c – iii, d – iv

46. Which of the following is an output device?

(+0.5, -0.125)

- a. bar code reader
- b. computer speaker
- c. flatbed scanner
- d. OMR

47. Match the correct:

(+0.5, -0.125)

	Memory		Device/unit
a.	Secondary Memory	i.	bit
b.	Optical Storage	ii.	diskette
c.	Internal memory	iii.	Compact Disc Read Only Memory (CD ROM)
d.	Smallest memory unit	iv.	RAM

- a. a - ii, b - iii, c - iv, d - i
- b. a - i, b - iii c - iv, d - ii
- c. a - ii, b - iii, c - i, d - iv
- d. a - ii, b - i, c - iii, d - iv

48. Match the correct:

(+0.5, -0.125)

a.	Optical mouse	i.	A moving ball mounted on a stationary device that can be rotated mechanically (manually) using the fingers
b.	Digitizing(Graphic) Tablet	ii.	It uses camera technology and digital processing to compare and track the position of the mouse.
c.	Joystick	iii.	Allows you to manually draw (draw) photos and graphics
d.	Trackball	iv.	Used to indicate position in video game play

a. a - ii, b - iii, c - iv, d - i

b. a - i, b - iii, c - iv, d - ii

c. a - ii, b - iii, c - i, d - iv

d. a - ii, b - i, c - iii, d - iv

49. Print resolution is measured as a number of _____.

(+0.5, -0.125)

a. Dots Per Inch (dpi)

b. Characters-per-second (cps)

- c. Lines-Per-Minute (LPM)
- d. pages-per-minute (ppm)

50. Which of the following is commonly used to print charts, graphs, CAD drawings and maps? (+0.5, -0.125)

- a. plotter
- b. inkjet printer
- c. dot matrix printer
- d. bubble jet printer

51. Identify the true/false from the following statements. (+0.5, -0.125)

a) Ink-jet printer: In this type of printer, the spray ink falls directly on the paper like a jet.

b) Laser Printer: It processes and stores the entire page before printing, this type of printer is also called as page printer.

c) Dot Matrix Printer: It cannot print special characters, charts and graphs.

- a. a - right, b - right, c - wrong
- b. a - wrong, b - right, c - wrong
- c. a - right, b - wrong, c - wrong
- d. a - wrong, b - wrong, c - right

52. Which of the following operating systems groups similar functions together and performs them? (+0.5, -0.125)

- a. batch operating system
- b. time-sharing operating system
- c. desktop operating system
- d. network operating system

53. Match the correct: (+0.5, -0.125)

	the product		Company/Type
a.	z/OS	i.	Apple
b.	Windows 98	ii.	IBM Machine Operating System
c.	Redhat	iii.	NT Technology
d.	iOS	iv.	Linux operating system

- a. a - ii, b - iii, c - iv, d - i
- b. a - i, b - iii, c - iv, d - ii
- c. a - ii, b - iii, c - i, d - iv
- d. a - ii, b - i, c - iii, d - iv

54. In Ms-Word365, which of the following menu includes 'Reuse Files' option? **(+0.5, -0.125)**

- a.** Insert
 - b.** Draw
 - c.** Design
 - d.** Layout
-

55. In MS-Word, which of the following shortcut key is used to adjust the zoom magnification? **(+0.5, -0.125)**

- a.** Alt + W + Q
 - b.** Ctrl + Z
 - c.** Ctrl + Alt + S
 - d.** Alt + Shift + C
-

56. In MS-Word, which of the following shortcut key is used to reduce the size of a letter/character by one point at a time? **(+0.5, -0.125)**

- a.** Ctrl + Shift + {
 - b.** Alt + Ctrl + -
 - c.** Ctrl +]
 - d.** Ctrl + [
-

57. In MS Word 2013, what is the purpose of Ctrl + Alt + PgDown key sequence? (+0.5, -0.125)

- a. move cursor to next page
- b. move cursor to previous page
- c. move cursor to next word
- d. Move the cursor to the last character displayed in the window

58. Which of the following shortcut key is used to open Spelling and Grammar in MS-Word? (+0.5, -0.125)

- a. F7
- b. Ctrl + F2
- c. Shift + Ctrl + j
- d. Shift + F8

59. Which of the following file extensions is not an extension of MS-Excel 2010 file? (+0.5, -0.125)

- a. .xlw
- b. .xls
- c. .xlsx
- d. .sxls

60. What is the maximum number of characters a cell can contain in Excel 2013? **(+0.5, -0.125)**

- a. 32,767
 - b. 255
 - c. 409
 - d. 16,384
-

61. Who was the ambassador of Seleucus Nicator in the court of Emperor Chandragupta Maurya? **(+0.5, -0.125)**

- a. Damascus
 - b. Dionysius
 - c. Tolemy
 - d. Megasthenes
-

62. Who was the British Prime Minister at the time of Cripps Mission in India? **(+0.5, -0.125)**

- a. Stafford Cripps
 - b. Ramsay Macdonald
 - c. Clement Atlee
 - d. Winston Churchill
-

63. Between which of the following months does the North-East Monsoon occur in India? **(+0.5, -0.125)**

- a. November to January
 - b. August to November
 - c. October to December
 - d. December to February
-

64. Which is the largest coalfield located in Eastern India? (+0.5, -0.125)

- a. Jharia
 - b. Bokaro
 - c. Dhanbad
 - d. Giridih
-

65. Read the statements related to Pradhan Mantri Suraksha Bima Yojana (PMSBY) and select the *incorrect* option. (+0.5, -0.125)

- a. Pradhan Mantri Suraksha Bima Yojana (PMSBY) is available to people in the age group of 18 to 70 years.
 - b. Under the scheme, the risk amount (coverage) for accidental death and total disability is ₹ 2 lakh and for partial disability the risk amount (coverage) is ₹ 1 lakh.
 - c. This scheme is being offered by public sector general insurance companies or any other general insurance company.
 - d. The premium is ₹330 which will be deposited on an annual basis.
-

66. Gandhi Sagar Wildlife Sanctuary is located in which of the following state? (+0.5, -0.125)

- a. Gujarat
- b. Maharashtra
- c. Rajasthan
- d. Madhya Pradesh

67. Which part of the Indian Constitution deals with trade and commerce? (+0.5, -0.125)

- a. Part XIII
- b. Part XII
- c. Part XIV
- d. Part XV

68. Which of the following options is the full form of the word LASER? (+0.5, -0.125)

- a. Low Alternate Standard Emission of Radiation
- b. Light Application under Standard Emission Radiation
- c. Light Amplification by Stimulated Emission of Radiation
- d. Low Aggregated Standard Emission Radiation

69. Kuchipudi is the famous dance of which state? (+0.5, -0.125)

- a. Telangana

- b.** Andra Pradesh
 - c.** Tamil Nadu
 - d.** Karnataka
-

70. In which of the following country will the FIFA World Cup 2022 be held? **(+0.5, -0.125)**

- a.** Brazil
 - b.** Germany
 - c.** Qatar
 - d.** Argentina
-

71. Which of the following statements about Permanent Settlement is/are correct? **(+0.5, -0.125)**

- A.** Permanent Settlement is related to land revenue.
 - B.** It was started by Holt Mackenzie in 1822.
 - C.** Under this system the East India Company used to collect revenue directly from the farmers.
 - D.** It was started in Bengal and Bihar.
- a.** A and D
 - b.** A and C
 - c.** B and C
 - d.** B and D
-

72. Who among the following was a member of the 'Naujawan Bharat Sabha' during the freedom struggle of India? (+0.5, -0.125)

- a. Surya Sen
- b. Bhagat Singh
- c. Subhash Chandra Bose
- d. Ramprasad Bismil

73. Which of the following river(s) flows through the state of Madhya Pradesh? (+0.5, -0.125)

- A. Betwa
 - B. Shivenath
 - C. Kshipra
 - D. Chambal
- a. A, C and D
 - b. A, B and D
 - c. B, C and D
 - d. A, B and C

74. On the basis of the data given below select the correct statement from the alternatives. (+0.5, -0.125)

	Haryana	West Bengal	Tamil Nadu
Total	4857524	20380315	18524982
Rural	3043756	13813165	9528495
Urban	1813768	6567150	8996487

- In West Bengal, more than $\frac{3}{4}$ of the population lives in rural areas.
- Based on the ratio of rural to urban population, about 50% of Tamil Nadu's population lives in urban areas.
- Haryana is more urbanized than Tamil Nadu and West Bengal.
- West Bengal is more urbanized than the population of Tamil Nadu and West Bengal combined.

75. Which Indian state has the largest onshore natural gas reserves in the country? (+0.5, -0.125)

- Tripura
- Tamil Nadu
- Maharashtra
- Assam

76. Cassiterite is related to which of the following? (+0.5, -0.125)

- a. calcium
 - b. tin
 - c. iron
 - d. sodium
-

77. From which country is the world super middleweight boxing champion Canelo Alvarez? (+0.5, -0.125)

- a. Spain
 - b. United States of America
 - c. Mexico
 - d. Portugal
-

78. Which of the following Gupta emperors received the title of Vikramaditya? (+0.5, -0.125)

- a. Chandra Gupta II
 - b. Chandra Gupta I
 - c. Skanda Gupta
 - d. Chandra Gupta Mourya
-

79. Which of the following series shows the status of economic activity of the population for the tabulation of meta data? (+0.5, -0.125)

- a. B-series

- b. A -series
- c. HH -series
- d. D-series

80. According to the Ministry of Agriculture, which is the second largest producer of sugarcane in the country in 2019-20? (+0.5, -0.125)

- a. Maharashtra
- b. Karnataka
- c. Tamil Nadu
- d. Bihar

81. Correctly rearrange the population density of the States/Union Territories as per Census 2011. (+0.5, -0.125)

	State/UT		Density (per sq.km)
A.	Tamil Nadu	I.	2,169
B.	Maharashtra	II.	573
C.	Haryana	III.	365
D.	Daman and Diu	IV.	555

- a. A - III; B - I; C - II; D - IV
 - b. A - I; B - II; C - IV; D - III
 - c. A - IV; B - III; C - II; D - I
 - d. A - II; B - IV; C - I; D - III
-

82. Which district of Chhattisgarh is the largest producer of Cassiterite? **(+0.5, -0.125)**

- a. Bastar
 - b. Dantewada
 - c. Raipur
 - d. Durg
-

83. Read the statements related to Pradhan Mantri Adarsh Gram Yojana (PMAGY) and select the wrong option. **(+0.5, -0.125)**

- a. The objective of the scheme is integrated development of scheduled caste dominated villages.
 - b. The scheme provides gap filling fund to the extent of ₹ 20 lakh per village as central assistance.
 - c. The first phase also includes a component of an additional round of funding of ₹15 lakh per village, for sustainable development of the already covered villages.
 - d. The primary phase of the scheme was launched in 2009-10.
-

84. Which of the following is a carnivorous plant? **(+0.5, -0.125)**

- a. Ivy
- b. Cape Sundew
- c. Chandelier
- d. Kalanchoe

85. Chota Nagpur plateau is related to which folk dance? (+0.5, -0.125)

- a. Mundari
- b. Rengma
- c. Changi
- d. Modse

86. Lovlina Borgohain won the bronze medal for India at Tokyo Olympics 2020. Identify the sport he represented in the Olympics. (+0.5, -0.125)

- a. Women's Lifting
- b. Womens Welterweight Boxing
- c. Women's Wrestling
- d. Women's Singles Badminton

87. Which of the following Mesolithic sites is/are located in Rajasthan? (+0.5, -0.125)

- A. Bagore
- B. Ratnapura
- C. Tilwara

D. Lotseshwar

a. A and D

b. B and C

c. A and C

d. B and D

88. In the period after the withdrawal of the Civil Disobedience Movement, a section in Congress, known as the New Swarajists, lobbied for the revival of constitutional methods and participation in the elections to the Constituent Assembly. Who among the following were the members of the new Swarajists from Congress? **(+0.5, -0.125)**

a. Bhulabhai Desai

b. Madhav Desai

c. Govind Ballabh Pant

d. C. Rajagopalachari

89. Ten Degree Channel is situated between which of the following islands? **(+0.5, -0.125)**

a. Nancowry Island and Great Nicobar Island

b. Port Blair and Little Andaman

c. Little Andaman and Car Nicobar Islands

d. North Andaman Islands and Ritchie Islands

90. In terms of coconut production per hectare, which the state of India has the highest production of coconut (nuts/ha) in the country in the year 2019-20? (+0.5, -0.125)

- a. Kerala
- b. Maharashtra
- c. Andra Pradesh
- d. Tamil Nadu

91. Read the 2011 census data for rural-urban population categories on the basis of gender and assess the statements given below. (+0.5, -0.125)

	Persons	Male	Female
Rural	833748852	427781058	405967794
Urban	377106125	195489200	181616925
Total	1210854977	623270258	587584719

- A. Rural males constitute about 51.30 percent of the total rural population.
- B. Rural population of India is more than $\frac{2}{3}$ of the total population.
- C. The total male population is about 3% more than the female population of the country.

Which of the above three statements is/are correct?

- a. A and C only
 - b. A and B only
 - c. A, B and C
 - d. B and C only
-

92. Which national park in India is famous for four species of Big Cat, i.e. Tiger Leopard, Clouded Leopard, and Snow Leopard? (+0.5, -0.125)

- a. Kaziranga National Park
 - b. Namdapha National Park
 - c. Jim Corbett National Park
 - d. Rajaji National Park
-

93. Match the time period and the event defining it in which it has occurred, and choose the correct option from the options given below. (+0.5, -0.125)

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	Time Period		Defining Event
A.	Cretaceous	1.	First reptile
B.	Cambrian	2.	First fish
C.	Carboniferous	3.	Human development
D.	Quaternary	4.	First flowering plant

- a. A - 1; B - 2; C - 4; D - 3
- b. A - 4; B - 3; C - 1; D - 2
- c. A - 1; B - 4; C - 3; D - 2
- d. A - 4; B - 2; C - 1; D - 3

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94. Match the folk dances with the state to which they belong.

(+0.5, -0.125)

	Folk Dance		State
A.	Modse	1.	Mizoram
B.	Thaugal Jagoyi	2.	Tripura
C.	Hojagiri	3.	Nagaland
D.	Khullam	4.	Manipur

- a. A - 2; B - 3; C - 1; D - 4
- b. A - 3; B - 1; C - 4; D - 2
- c. A - 2; B - 4; C - 1; D - 3
- d. A - 3; B - 4; C - 2; D - 1

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95. Who among the sports personalities (players) given in the option does not belong to Kabaddi? (+0.5, -0.125)
- a. Ajay Thakur
 - b. Deepak Niwas Hooda
 - c. Rahul Choudhary
 - d. Satish Shivalingam

96. X puts his hand in Y's pocket to cut his pocket. But X's attempt fails as the pockets are empty. X is guilty of the offense of _____. (+0.5, -0.125)

- a. Theft
 - b. Fraud
 - c. Attempted theft
 - d. Extortion
-

97. What is the time period prescribed for filing an appeal under Section 29 of the Protection of Women from Domestic Violence Act, 2005? (+0.5, -0.125)

- a. Within 60 days
 - b. Within 90 days
 - c. Within 30 days
 - d. Within 45 days
-

98. A witness who is unable to speak gives his evidence by writing in open court under section 119 of the Indian Evidence Act, 1872, the evidence so given shall be deemed to be _____. (+0.5, -0.125)

- a. Not acceptable
 - b. Oral evidence
 - c. Secondary evidence
 - d. Documentary evidence
-

99. Which of the following offences cannot be summarily tried under the Code of Criminal Procedure, 1973? (+0.5, -0.125)
- a. Offenses punishable with imprisonment for life
 - b. Offenses under section 454 of the Indian Penal Code, 1860
 - c. Offenses under section 456 of the Indian Penal Code, 1860
 - d. Receives or retains stolen property under section 411 of the Indian Penal Code, 1860 where the value of the property does not exceed two thousand rupees
-
100. Under section 13 of the Sati (Prevention) Act 1987, if any person has been convicted of an offense under this Act, the Special Court prosecuting such a case can confiscate his property under section 8 and use the confiscated money or property for _____. (+0.5, -0.125)
- a. Repay the loan
 - b. To give to the victim's family
 - c. To give to local community
 - d. To deposit to the state treasury
-
101. One of the main objectives of the Child and Adolescent Labor (Prohibition and Regulation) Act, 1986 is to prevent the engagement of children in _____. (+0.5, -0.125)
- a. Dangerous businesses
 - b. All businesses
 - c. Industrial businesses

d. Certain specified occupations

102. As per Section 10 of the Protection of Children from Sexual Exploitation (POCSO Act), 2012, an offender who commits serious sexual assault shall be punished with imprisonment of either description for a term which shall not be less than _____.

(+0.5, -0.125)

a. Seven Years

b. Two Years

c. Five Years

d. Three Years

103. As per section 2(j) of the Immoral Traffic (Prevention) Act, 1956, "trafficking police officer" means a police officer appointed by _____.

(+0.5, -0.125)

a. Central Government

b. State Government

c. District Magistrate

d. Police Officer

104. As per section 15(3) of the Protection of Children from Sexual Offenses Act, 2012 (amended in 2019), any person who, in any form, possesses child pornographic material for commercial purposes, shall be punished with imprisonment of either description for a term which shall, on the first conviction, be not less than _____.

(+0.5, -0.125)

a. One year

- b. Two years
- c. Six months
- d. Three years

105. As per Section 27 of the Juvenile Justice (Care and Protection of Children) Act, 2015, the appointment of a person as a member of the Child Welfare Committee is for a maximum period of _____. (+0.5, -0.125)

- a. 2 Years
- b. 3 Years
- c. 5 Years
- d. 4 Years

106. In which district of Rajasthan is the ancient excavation site 'Nagar' located? (+0.5, -0.125)

- a. Sikar
- b. Alwar
- c. Tonk
- d. Pali

107. Which of these sites was excavated in 1998 in Bhilwara district of Rajasthan? (+0.5, -0.125)

- a. Lachura
- b. Ojijana

- c. Nagar
 - d. Bairath
-

108. Which of the following cities was founded by Raja Ajaypal Chauhan in the 12th century AD? **(+0.5, -0.125)**

- a. Udaipur
 - b. Jaipur
 - c. Jodhpur
 - d. Ajmer
-

109. Who among the following has not been the ruler of Pratapgarh? **(+0.5, -0.125)**

- a. Kshemkarna
 - b. Maharawat Pratap Singh
 - c. Surajmal
 - d. Ranjeet Singh
-

110. Which of the following statements about the Pratihara king Nagabhatta I is correct? **(+0.5, -0.125)**

- a. He was the son of Vatsaraja.
- b. He ruled for about 50 years.
- c. After his death there was a war between Mahipala and Bhoja II over the succession.

- d. He defeated the Arab rulers of Sindh who were trying to invade Rajasthan, Gujarat, Punjab etc.

111. The Battle of Haldighati was fought on _____. (+0.5, -0.125)

- a. June 18, 1577
- b. June 18, 1567
- c. June 18, 1576
- d. June 18, 1555

112. Who among the following influenced Rao Gopal Singh Kharwa? (+0.5, -0.125)

- a. Brahmo Samaj
- b. Arya Samaj
- c. Crescent Style
- d. Ram Krishna Mission

113. Who sent the satire "Chetawani Ra Chungtya" to Maharana Fateh Singh of Mewar, who was on his way to attend the Delhi Durbar, but did not attend after reading the satire? (+0.5, -0.125)

- a. Kesari Singh Barath
- b. Rab Gopal Singh Kharwa
- c. Pratap Singh Barath
- d. Arjun Lal Sethi

114. Which of the following revolutionary spent most of his time in the dress of a saint with the false name Amardas Vairagi? **(+0.5, -0.125)**

- a. Pratap Singh Barath
- b. Zorawar Singh Barath
- c. Rao Gopal Singh Kharwa
- d. Arjun Lal Sethi

115. The Bijolia movement took place in a phased manner. Select the option which is not from these steps. **(+0.5, -0.125)**

- a. 1897 to 1915
- b. 1916 to 1923
- c. 1923 to 1941
- d. 1888 to 1896

116. Which is the smallest district of Rajasthan in terms of area? **(+0.5, -0.125)**

- a. Dungarpur
- b. Dausa
- c. Pratapgarh
- d. Dholpur

117. The Sambhar Lake of Rajasthan gets its water from five rivers. Which of the following river is one of those five rivers? **(+0.5, -0.125)**

- a. Banas
 - b. Kali Sindh
 - c. Samod
 - d. Jawai
-

118. Which of the following statement is not correct about Chambal river? **(+0.5, -0.125)**

- a. It is a major tributary of Yamuna which is 960 km long.
 - b. Located in central India, the river comprises a significant part of the Greater Ganga drainage system.
 - c. It is the largest of the rivers flowing through the state of Rajasthan.
 - d. The total area of Chambal till its confluence with the Yamuna lies in Himachal Pradesh, Madhya Pradesh and Rajasthan.
-

119. In which year Rajasthan State Biodiversity Board was established? **(+0.5, -0.125)**

- a. 2007
 - b. 2008
 - c. 2010
 - d. 2012
-

120. Select the correct statement regarding wildlife diversity in Rajasthan? **(+0.5, -0.125)**

- a. The Keoladeo National Park of Bharatpur and the Desert National Park of Jaisalmer are known worldwide for their tiger population.

- b. The Sariska Tiger Reserve located in Alwar district became a part of Project Tiger in 1973.
- c. Ranthambore National Park located in Sawai Madhopur was declared a national park in 1979.
- d. Large population of beautiful black deer is found in Tal Chhapar Sanctuary, Sujargarh, Churu district.

121. As per 2021, what is the rank of Rajasthan in the production of copper in India? (+0.5, -0.125)

- a. First
- b. Third
- c. Fifth
- d. Second

122. The deposits of this metallic mineral in Rajasthan are mainly found in the Banswara district, where it is compacted to a belt extending over a distance of 22 km from Guria to Rathimuri. Its smaller deposits are also located near the village Negadia (Rajsamand), Chhoti-Sar, Badi-Sar (Udaipur). (+0.5, -0.125)

Identify the metallic mineral.

- a. Tungsten
- b. Manganese
- c. Gold
- d. Iron

123. What is the percentage of rural population in Rajasthan as per 2011 census? (+0.5, -0.125)

- a. 51.87
- b. 48.13
- c. 75.10
- d. 66.11

124. Which option is correctly matched with respect to Rajasthan? (+0.5, -0.125)

- a. Most Populous District - Udaipur
- b. Least Population District - Jaipur
- c. District with lowest literacy rate - Jalore
- d. District with highest literacy rate - Jaipur

125. Which one of the following statements is correct about Rajasthan as per 2011 census? (+0.5, -0.125)

- a. ST Population - 13.5% of the total population
- b. Total domestic industry workers - 16.5% of the percentage of total workers
- c. Total agricultural laborers - 45.6% of the percentage of total workers
- d. Total cultivators - 2.4% of the percentage of total workers

126. In which year the fourth industrial policy of the state of Rajasthan was made which made Rajasthan the most preferred destination for industries? **(+0.5, -0.125)**

- a. 1994
- b. 1998
- c. 1980
- d. 2019

127. Which of the following was the guiding factor during the Eleventh Plan period (2007-2012)? **(+0.5, -0.125)**

- a. Create employment opportunities
- b. Ensuring maximum people's participation
- c. Ensuring good governance and fiscal reforms and building economic infrastructure
- d. Substantial reduction in poverty and regional disparities

128. Which one of the following options is correctly matched regarding the availability of surface water in the Water Resources Department in Rajasthan? **(+0.5, -0.125)**

- a. Major Tank - 3331
- b. Medium tank - 24
- c. Small Tank - 84
- d. Water Harvesting Structure - 74271

129. Rajasthan State Industrial and Investment Corporation (RIICO) has developed four agro-food gardens for the development of agro-based industries. Which of the following is not one of them? (+0.5, -0.125)

- a. Kota
- b. Shri Ganga Nagar
- c. Alwar
- d. Jaipur

130. Under the Sahyog scheme, B.P.L. Assistance is provided to up to two girls on the marriage of girls from (BPL) families. How much was the aid amount? (+0.5, -0.125)

- a. Rs. 10,000
- b. Rs. 20,000
- c. Rs. 12,000
- d. Rs. 15,000

131. According to the 2011 census, the population of Scheduled Tribes in Rajasthan was _____. (+0.5, -0.125)

- a. About 13.47% of the total population of the state
 - b. About 15.2% of the total population of the state
 - c. About 16.6% of the total population of the state
 - d. About 12.44% of the total population of the state
-

132. For whom is the Swayam Siddha scheme? (+0.5, -0.125)

- a. For the protection of orphan girls
- b. For homeless elderly
- c. For shelter and rehabilitation of women in distress
- d. For physically challenged children

133. Who inaugurated the Greater Rajasthan in Jaipur on 30 March 1949? (+0.5, -0.125)

- a. Dr. Rajendra Prasad
- b. Pandit Jawaharlal Nehru
- c. Indira Gandhi
- d. Sardar Vallabh Bhai Patel

134. Which one of the following options is correctly matched between the judge of the High Court in 1949 and the State? (+0.5, -0.125)

- a. Justice Anand Narayan Kaul - Kota
- b. Justice K.K. Sharma - Bharatpur
- c. Justice Trilochan Dutt - Alwar
- d. Justice Kshemchand Gupta - Bikaner

135. Which of the following statements is true about the Leader of the Opposition in the Rajasthan Legislative Assembly, Shri Gulab Chand Kataria? (+0.5, -0.125)

- a. He has been the Vice President and General Secretary of the Janata Yuva Morcha of Rajasthan from 1987–1990.
- b. He was the Chief Minister of Rajasthan from 2014 to 2018.
- c. He was a member of the 9th Lok Sabha from 1989 to 1991.
- d. He has been the Leader of Opposition in the Rajasthan Legislative Assembly from 08/12/2003 to 30/05/2004.

136. Who is the chairman of Rajasthan State Human Rights Commission? (+0.5, -0.125)

- a. Justice Bobde
- b. Justice N. V. Raman
- c. Justice Gopal Krishna Vyas
- d. Justice Uday Umesh Lalit

137. The State Election Commission (SEC), Rajasthan conducts elections to Panchayati Raj Institutions (PRIs). Which of the following options is correctly matched with respect to these elections? (+0.5, -0.125)

- a. First Election: 1965
- b. Second Election: 1970
- c. Third Election: 1978
- d. Fourth Election: 1988

138. Amber/Amer Palace is located in the _____ district of Rajasthan. (+0.5, -0.125)

- a. Pratapgarh

- b. Jalore
 - c. Jaipur
 - d. Udaipur
-

139. What is the height of the giant Taragarh Fort above ground level? (+0.5, -0.125)

- a. About 1300 feet
 - b. About 1400 feet
 - c. About 1500 feet
 - d. About 1200 feet
-

140. Which of the following is the water fort of Rajasthan? (+0.5, -0.125)

- a. Kumbhalgarh Fort
 - b. Jaisalmer Fort
 - c. Gagron Fort
 - d. Chittor Fort
-

141. Select the correct match from the following. (+0.5, -0.125)

- a. Galtaji Temple – Ajmer District
- b. Salasar Balaji Temple – Churu District
- c. Eklingji Temple – Jaipur District
- d. Mehandipur Balaji Temple – Bundi

142. Blue Pottery is a traditional craft of –

(+0.5, -0.125)

- a. Jaipur
- b. Kota
- c. Jaisalmer
- d. Udaipur

143. Which oral tradition of storytelling is still in existence in Rajasthan, where stories from the Puranas, caste lineages and folk traditions are told along with stories from the epic Mahabharata and Ramayana? (+0.5, -0.125)

- a. Kavad Samvad
- b. Kavad Banchana (Recitation)
- c. Samvad Banchana (Recitation)
- d. Kavya Sanchana

144. Which of the following is an ancient technique of making beautiful and decorative items from different pieces of cloth? (+0.5, -0.125)

- a. Aari
- b. Applique
- c. Zardozi
- d. Kacho

145. _____ is the main festival celebrated among the Bhils of Rajasthan. (+0.5, -0.125)

- a. Gangaur Festival
- b. Urs Fair
- c. Baneshwar Fair
- d. Navratri

146. This is a folk song style that tells the tales of local bandits. This dance was first performed in the Shekhawati region of Rajasthan and was performed by men wearing dhoti kurta and turban. Artists sit inside a puppet horse and dance at weddings and other public functions. This dance is called _____. (+0.5, -0.125)

- a. Gair
- b. Kalbelia
- c. Bhavai
- d. Kachhi Ghodi

147. Who among the following is not a saint of Rajasthan? (+0.5, -0.125)

- a. Saint Pipa Ji
- b. Saint Charan Das
- c. Saint Basaveshwar
- d. Saint Mawaji

148. It is a Rajasthani language of the Indo-Aryan language family and is spoken by about three million people in the Churu, Jhunjhunu and Sikar districts of Rajasthan. (+0.5, -0.125)

Name the language.

- a. Marwari
- b. Harauti
- c. Dhundhari
- d. Shekhawati

149. "Kant ghare kim aawiya, tehan rau ghan tras. (+0.5, -0.125)

Lehenge mujh lukijiye, bairi rau na visaas II"

The above couplet was written by -----.

- a. Jodhraj
- b. Suryamal Misran
- c. Chand Bardai
- d. Dalpat Vijay

150. Which one of the following statements is **not** correct about the Indo-US joint military exercise 'Yudh Abhyas' that began on 8 February 2021? (+0.5, -0.125)

- a. This was the 16th edition of the joint exercise.
- b. The closing ceremony was held at Mahajan Field Firing Range.
- c. The exercise was conducted in three phases.

- d. The aim of the exercise was to focus on counter-terrorist operations under the mandate of the United Nations.

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Answers

1. Answer: d

Explanation:

Given:

$$2 : 24 :: 5 : ?$$

Calculation:

$$(2 + 1)^3 - (2 + 1)$$

$$\Rightarrow 27 - 3 = 24$$

$$\text{Now, } (5 + 1)^3 - (5 + 1)$$

$$\Rightarrow 216 - 6 = 210$$

$\therefore$ The correct answer is 210.

2. Answer: c

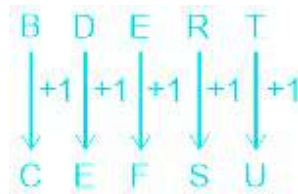
Explanation:

Position values of the letters according to English alphabet series,

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

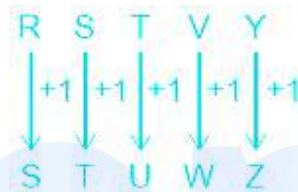
The logic followed here is:

After arranging the letters BTRDE in the order they appear in the English alphabetical series we get **BDERT**.



Similarly,

After a rranging the letters RSVYT in the order they appear in the English alphabetical series we get **RSTVY**.

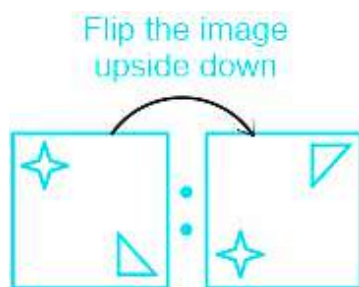


Hence, '**STUWZ**' is the correct answer.

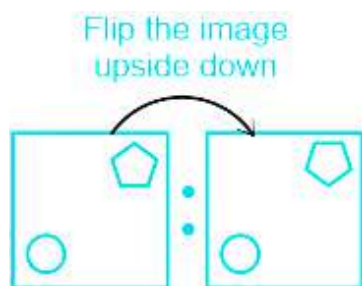
3. Answer: c

Explanation:

The logic followed here is-



Similarly,



Here, the **flipped image** is similar to the Option (3) .

Hence, **Option (3)** is correct answer.

4. Answer: d

Explanation:

The description is as follows:

Option		Description
1.	Assessment	The action or an instance of making a judgment about something.
2.	Examination	The act or action or process of examining something.
3.	Investigation	An official examination of the facts about a situation, crime, etc.
4.	Diagnosis	The act of saying exactly what illness a person has or what the cause of a problem is.

All options except 'Diagnosis' are synonyms of each other.

Hence, '**Diagnosis**' is the odd one out.

5. Answer: c

Explanation:

Position values of the letters, according to the English alphabet series is:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is:

All the letters of word are arranged in the descending alphabetical order.

- JUDGEMENT is written as UTNMJGEED.

Similarly

- PUNISHMENT be written as UTSPNNMIHE.

Hence, UTSPNNMIHE is correct answer.

6. Answer: d

Explanation:

Position values of the letters, according to the English alphabet series is:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is:

Sum of position values of the letters × number of letters in word

$$\text{GAME} = 7 + 1 + 13 + 5 = 26 \times (\text{number of letters in word})$$

$$\Rightarrow 26 \times 4$$

$$\Rightarrow 104$$

and

$$\text{PLAY} = 16 + 12 + 1 + 25 = 54 \times (\text{number of letters in word})$$

$$\Rightarrow 54 \times 4$$

$$\Rightarrow 216$$

Similarly,

$$\text{WIN} = 23 + 9 + 14 = 46 \times (\text{number of letters in word})$$

$$\Rightarrow 46 \times 3$$

$$\Rightarrow 138$$

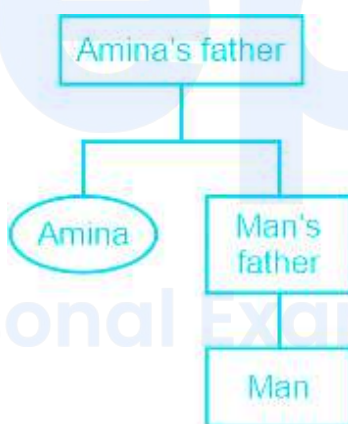
Hence, "138" is the correct answer.

7. Answer: a

Explanation:

By using the symbols in the table given below, we can draw the following family tree:

Symbol in Diagram	Meaning
○	Female
□	Male
==	Married Couple
—	Siblings
	Difference of a Generation



Clearly, Amina is Auntie of that person.

Hence, '**Auntie**' is the correct answer.

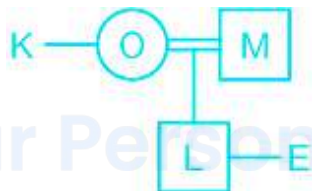
8. Answer: b

Explanation:

We draw the family tree using the following symbols-

Symbol in Diagram	Meaning
○	Female
□	Male
=	Married couple
—	Siblings
	Difference of a generation

According to the question-



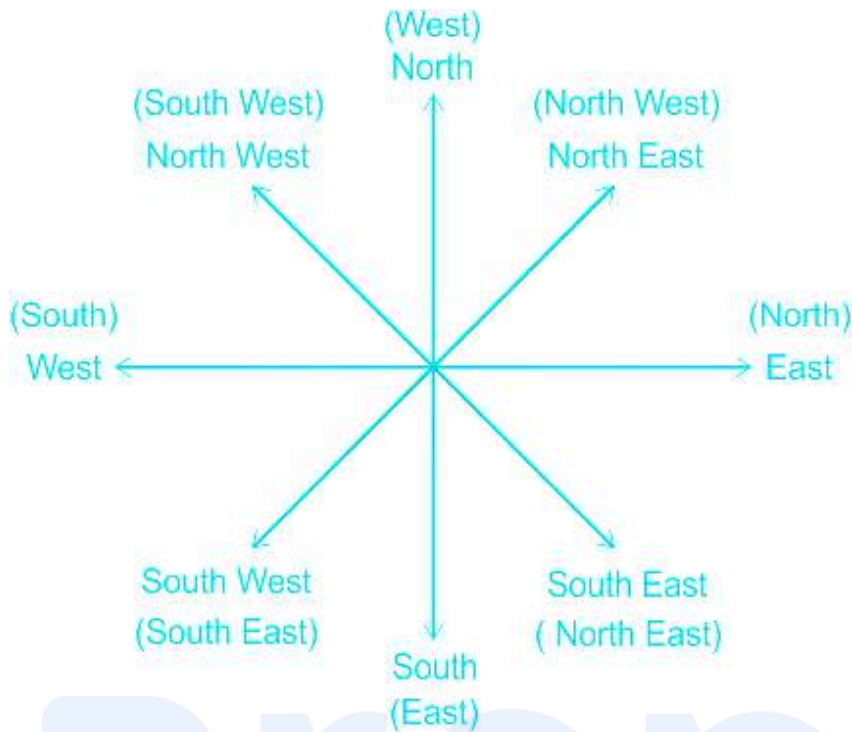
Here, we can see that **M is the brother-in-law of K.**

Hence, **Option (2)** is correct answer.

9. Answer: a

Explanation:

According to given conditions,



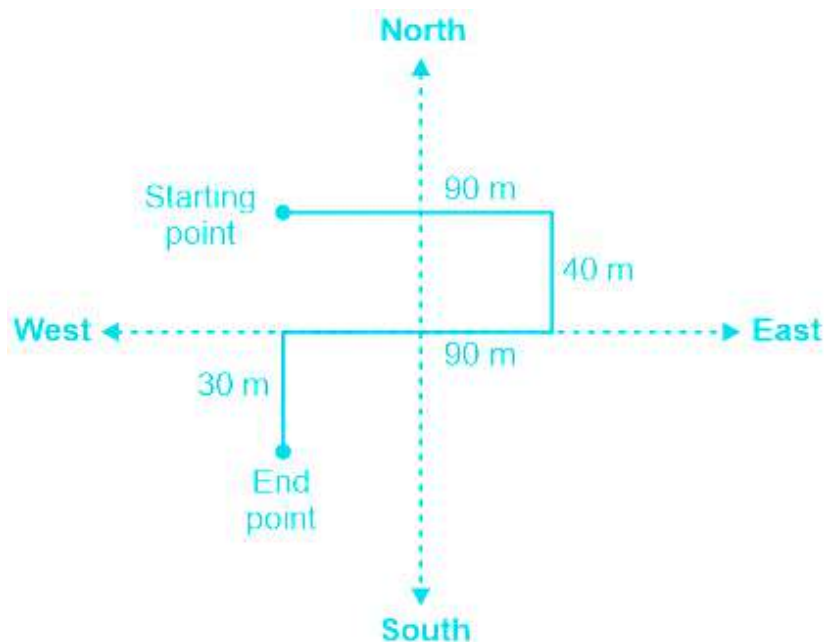
Clearly, North will be the direction of the written face before East.

Hence, '**North**' is the correct answer.

10. Answer: d

Explanation:

The directions of above question is shown below-



Here, the End point is $40 + 30 = 70\text{m}$ away from the Start point in the South direction .

Hence, **Option (4)** is correct answer.

11. Answer: a

Explanation:

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Serial number	Conditions	Satisfied
I.	The player must have won at least one district level tournament.	Yes
II.	The player must be a member of the State Badminton Society.	Yes
III.	Candidate must be at least 14 years of age as on January 1, 2021.	Yes
However, if a candidate fulfills all the above conditions except:	a) Of condition (II), but is willing to subscribe, may be allowed to play a pre-tournament trial.	-
	b) Of condition (III) but is a State Level Junior Badminton Champion, his case may be considered by the Tournament Committee on the basis of the facts of each particular situation.	-

As Mukul fulfils all the conditions, he will be allowed to play in the tournament.

Hence, ' **Mukul will be allowed to play in the tournament** ' is the correct answer.

12. Answer: d

Explanation:

Serial number	Conditions	Satisfied
1.	Post Graduate in Zoology with minimum 60% marks.	-
2.	Should not be more than 35 years of age.	Yes
3.	Passed the National Level Eligibility Test.	-
4.	Minimum 3 years experience in teaching.	Yes
If a candidate fulfills all the above criteria except:	a) Of (3), but has passed the State Level Eligibility Test, may be provisionally allowed for interview.	-
	b) Of (4), then he can be kept on contractual post for 3 years.	-

The information is insufficient to make a decision.
Hence, 'option 4' is the correct answer.

13. Answer: d

Explanation:

Serial number	Conditions	Satisfied
a)	MBBS with minimum 50% marks and MD/MS with minimum 70% marks.	Yes
b)	Minimum 5 years work experience in District level hospital.	No
c)	Should not be more than 40 years of age as on 1st July, 2020.	Yes
However, if the applicant fulfills all the above criteria, except:	(i) Of (a) but has obtained 70% marks in graduation and 50% in MD with 5 years work experience, his/her case may be referred to the selection board.	-
	(ii) Of (b), and has only 3 years' experience, he may be placed on probation for gaining the remaining years' experience.	Yes

Clearly, Kavish will be placed on probation for two years.

Hence, 'option 4' is the correct answer.

14. Answer: b

Explanation:

Serial number	Conditions	Satisfied
1.	Must be minimum 18 years of age.	Yes
2.	Must have completed Intermediate in First Division.	Yes
3.	Have secured at least 60% marks in the entrance examination.	Yes
4.	Be able to pay the course fee of Rs.1 lakh.	Yes
If the candidate fulfills all the above criteria except:	a) of condition 2, but has obtained 85% marks in the entrance test, his/her case will be referred to the Chairman.	-
	b) of condition 4, but is ready to pay the fee in two instalments, his case may be referred to the Dean.	-

Clearly, Shikhar will get entry.

Hence, '**option 2**' is the correct answer.

15. Answer: a

Explanation:

Presumption :

(I) Incentives motivate people to work. → It is implicit in the statement.

The company policy wants people to provide incentives based on their performance as incentives induces a person to work.

(II) Employees do not work without incentives. → It is not implicit in the statement.

The statement does not implies that employees do not work without incentives.

Hence, '**Only the assumption I is implicit**' is the correct answer.

16. Answer: b

Explanation:

Presumption:

(I) Everyone should fail at some point in life → It is not implicit in the statement.

The statement does not indicates one to definitely fail at some point.

(II) Failure is also an opportunity for success. → It is implicit in the statement.

The statement indicates to accept failure, learn the lessons from it because the lessons we learn from failure will guide us towards success.

Hence, '**Only assumption II is implicit**' is the correct answer

17. Answer: c

Explanation:

Presumption:

(I) Government school students are not intelligent. → It is not implicit in the statement.

The statement mentions only about the results of private and government school. It does not points that Government school students are not intelligent.

(ii) Private school teachers are more qualified than government school teachers. → It is not implicit in the statement.

The statement gives no data about the quality of teachers of Private and Government school, so the assumption cannot be concluded from the statement.

Hence, '**Neither assumption I nor presupposition II is implicit**' is the correct answer.

18. Answer: d

Explanation:

The relation followed here is,

- Book is made up of several text information or we can say that Book has a lot of text information.

Similarly,

- A Garden contains several kind of Plants or we can say a lot of plants make a Garden.

Hence, **Option (4)** is correct answer.

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19. Answer: b

Explanation:

Th logic followed here is,

Student : Teacher →

- Teacher is the person who trained or teach the students.

Similarly,

Animal : Trainer →

- Trainer is the person who trained the animals.

Hence, the correct answer is "Animal : Trainer".



Confusion Points Captain : Player → Captain is the person who trained the players.

But here the sequence is not same as Student : Teacher.

If the sequence would Player: Captain, then this could be the answer.

20. Answer: c

Explanation:

Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is:

1. CEHLQ → C + 2 = E; E + 3 = H; H + 4 = L; L + 5 = Q
2. QSVZE → Q + 2 = S; S + 3 = V; V + 4 = Z; Z + 5 = E
3. FHKOP → F + 2 = H; H + 3 = K; K + 4 = O; O + 1 = P
4. PRUYD → P + 2 = R; R + 3 = U; U + 4 = Y; Y + 5 = D

Hence, 'FHKOP' is the correct answer.

21. Answer: c

Explanation:

Given sequence- _ km _ _km _ lkm _ _ kmp

Option (1): lkm p/l km m/ lkm p/l kmp

No pattern followed here.

Option (2): lkm m/l km p/ lkm p/l kmp

No pattern followed here.

Option (3): l km p/l km p/ lkm p/l kmp

Here, **lkmp** is repeating in the series.

Option (4): l km p/l km p/ lkm p/m kmp

No pattern followed here.

Hence, **Option (3)** is correct answer.

22. Answer: b

Explanation:

Given sequence: x _ _ zxzx _ yzx _ _ xyzxzx _ _ xzxxxyz _

1. xxyzxxxyz → x x x zxzx y yzx z x xyzxzx x y xzxxxyz z

2. xyzxxxyz → x x y zxzx x yzx z x xyzxzx x y xzxxxyz z

Here , xyzxzx is repeated in the series.

3. xyzxxxyz → x x y zxzx z yzx z x xyzxzx x y xzxxxyz z

4. xyzzyxyz → x x y zxzx x yzx z y xyzxzx x y xzxxxyz z

Hence, "**xyzxxxyz**" is the correct answer.

23. Answer: a

Explanation:

- If half the letters of the given series are written in reverse and they are brought to the beginning of the series

R3QYUWEFHSA75903 – BDCWIUEQR98Y2389

- 9th from the right

R3QYUWEFHSA75903 – BDCWIUEQR98Y2389

- then letter/digit will come at 11th position to the left of 9th from the right

R3QYUWEFHSA75903 – BDCWIUEQR98Y2389

Hence, '5' is the correct answer.

24. Answer: b

Explanation:

Interchanging the numbers in the equation according to the options and solving each option according to “BODMAS” rule.

B	Brackets in order (), { }, []	ब्रकेट (), { }, [] क्रम में
O	of	का
D	Division (÷)	विभाजन (÷)
M	Multiplication (×)	गुणा (×)
A	Addition (+)	जोड़ (+)
S	Subtraction (–)	घटाव (–)

Option (1): 4 and 6

$$\{(\underline{23 + 17})/2\} 6 - 4 + 12 = 26$$

$$\{(\underline{40}/2\} 4 - 6 + 12 = 26$$

$$\{(\underline{20}) 4 - 6 + 12 = 26$$

$$80 - 6 + 12 = 26$$

$$\underline{80 + 6} = 26$$

$$86 \neq 26$$

Option (2): 2 and 4

$$\{(\underline{23 + 17})/4\} 2 - 6 + 12 = 26$$

$$\{(\underline{40})/4\} 2 - 6 + 12 = 26$$

$$\{(\underline{10}) 2 - 6 + 12 = 26$$

$$20 - 6 + 12 = 26$$

$$20 + 6 = 26$$

$$26 = 26$$

Option (3): 4 and 12

$$\{(\underline{23 + 17})/2\} 12 - 6 + 4 = 26$$

$$\{(\underline{40})/2\} 12 - 6 + 4 = 26$$

$$\{(\underline{20}) 12 - 6 + 4 = 26$$

$$240 - 6 + 4 = 26$$

$$\underline{240 - 2} = 26$$

$$238 \neq 26$$

Option (4): 23 and 26

$$\{(\underline{26 + 17})/2\} 4 - 6 + 12 = 23$$

$$\{(43)/2\} 4 - 6 + 12 = 23$$

$$\{21.5\} 4 - 6 + 12 = 23$$

$$86 - 6 + 12 = 23$$

$$86 + 6 = 23$$

$$92 \neq 23$$

Hence, **Option (2)** is correct answer.

25. Answer: d

Explanation:

Interchanging the signs in the equation according to the options and solving each option according to " **BODMAS** " rule.

B	Brackets in order {}, {}, []	ब्रकेट {}, {}, [] क्रम में
O	of	का
D	Division (÷)	विभाजन (÷)
M	Multiplication (×)	गुणा (×)
A	Addition (+)	जोड़ (+)
S	Subtraction (-)	घटाव (-)

Option (1): × and +

$$4 + 8 \times 7 + 9 \div 60 - 5 = 83$$

$$4 + 8 \times 7 + 0.15 - 5 = 83$$

$$4 + 56 + 0.15 - 5 = 83$$

$$\underline{60.15 - 5} = 83$$

$$55.15 \neq 83$$

Option (2): $\times$ and $-$

$$4 - 8 + 7 - \underline{9 \div 60} \times 5 = 83$$

$$4 - 8 + 7 - \underline{0.15 \times 5} = 83$$

$$4 - \underline{8 + 7} - 0.75 = 83$$

$$\underline{4 - 15 - 0.75} = 83$$

$$-11.75 \neq 83$$

Option (3): $\times$ and $\div$

$$\underline{4 \div 8} + \underline{7 \div 9} \times 60 - 5 = 83$$

$$0.5 + \underline{0.778 \times 60} - 5 = 83$$

$$\underline{0.5 + 46.67} - 5 = 83$$

$$\underline{47.17 - 5} = 83$$

$$42.17 \neq 83$$

Option (4): $-$ and $\div$

$$4 \times 8 + 7 \times 9 - \underline{60 \div 5} = 83$$

$$\underline{4 \times 8} + \underline{7 \times 9} - 12 = 83$$

$$\underline{32 + 63} - 12 = 83$$

$$95 - 12 = 83$$

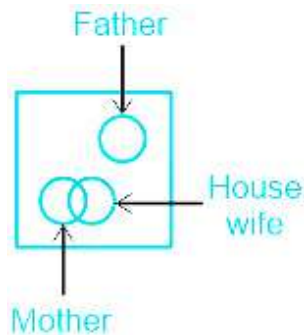
$$83 = 83$$

Hence, **Option (4)** is correct answer.

26. Answer: d

Explanation:

The Venn diagram that best represents the relationship between Mother, Father and Housewife is shown below-



Some mothers are Housewives and some housewives are mothers.

Hence, **Option (4)** is correct answer.

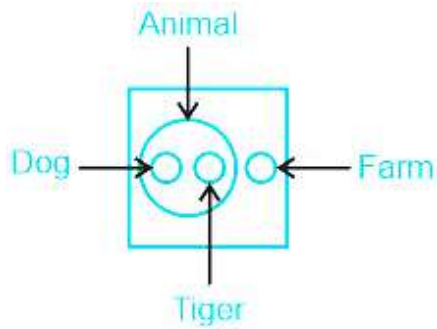
27. Answer: a

Explanation:

The Dog and Tiger belongs to the Animal category but the Farm is different from the others.

The Venn diagrams which represents the best relationship between Tiger, Dog, Animal and Farm is given below-

\

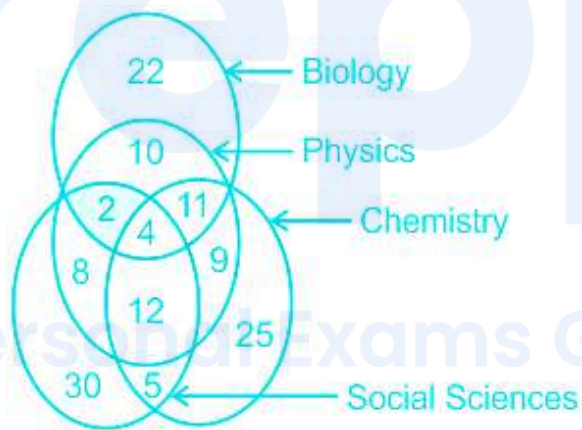


Hence, **Option (1)** is correct.

28. **Answer: b**

Explanation:

As per the given information,



The shaded by part represents 'students want to study both biology and social science but do not want to study chemistry' = 2

Hence, the correct answer is "2".

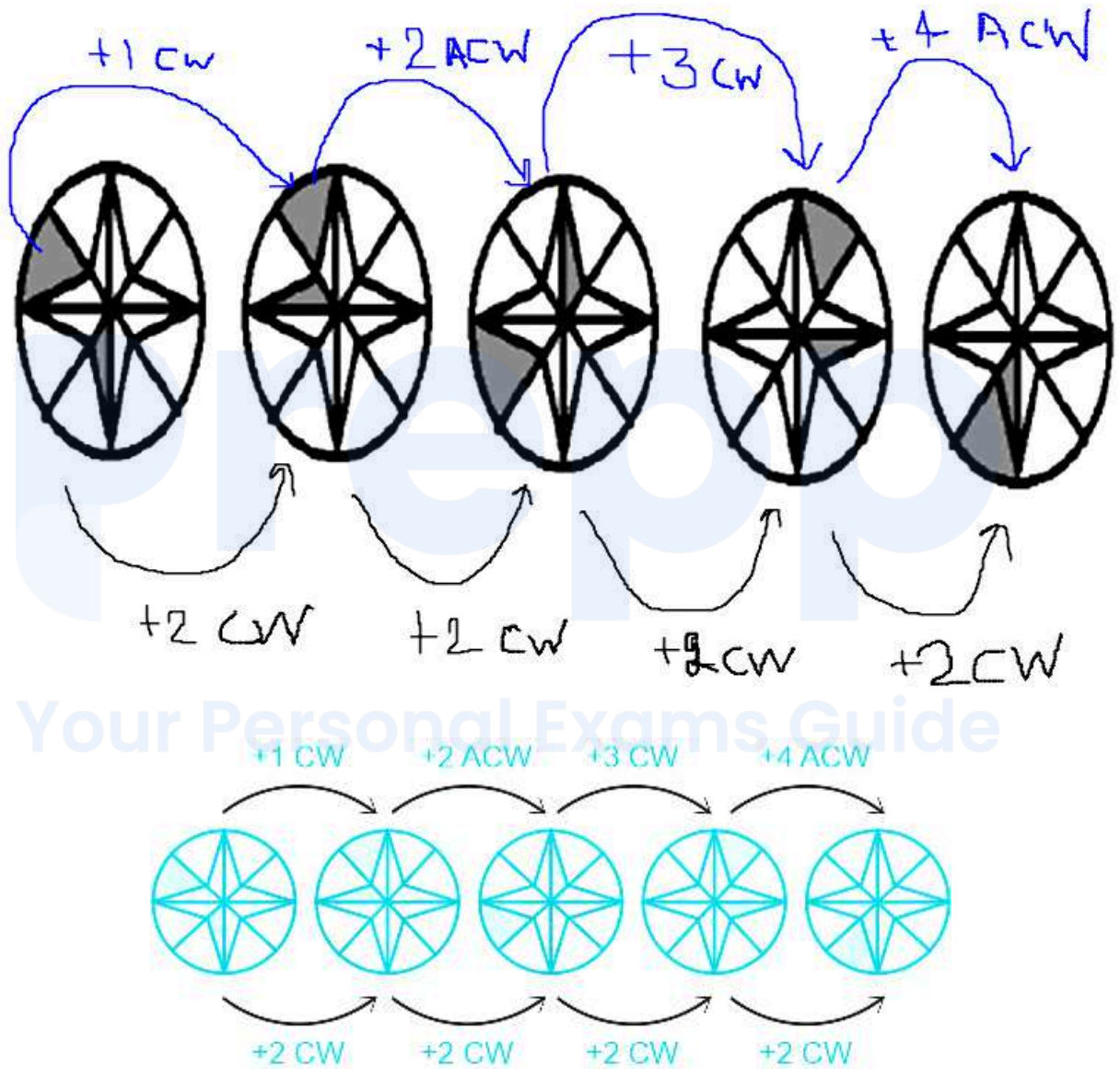
★ **Confusion Points**

Students who want to study both biology and social science means we can add students that want to study biology, social science and physics. Because there is no "Only" word use in this sentence.

29. Answer: a

Explanation:

The logic followed here is-



Based on this logic, next image should be



Which is similar to the Option (2).

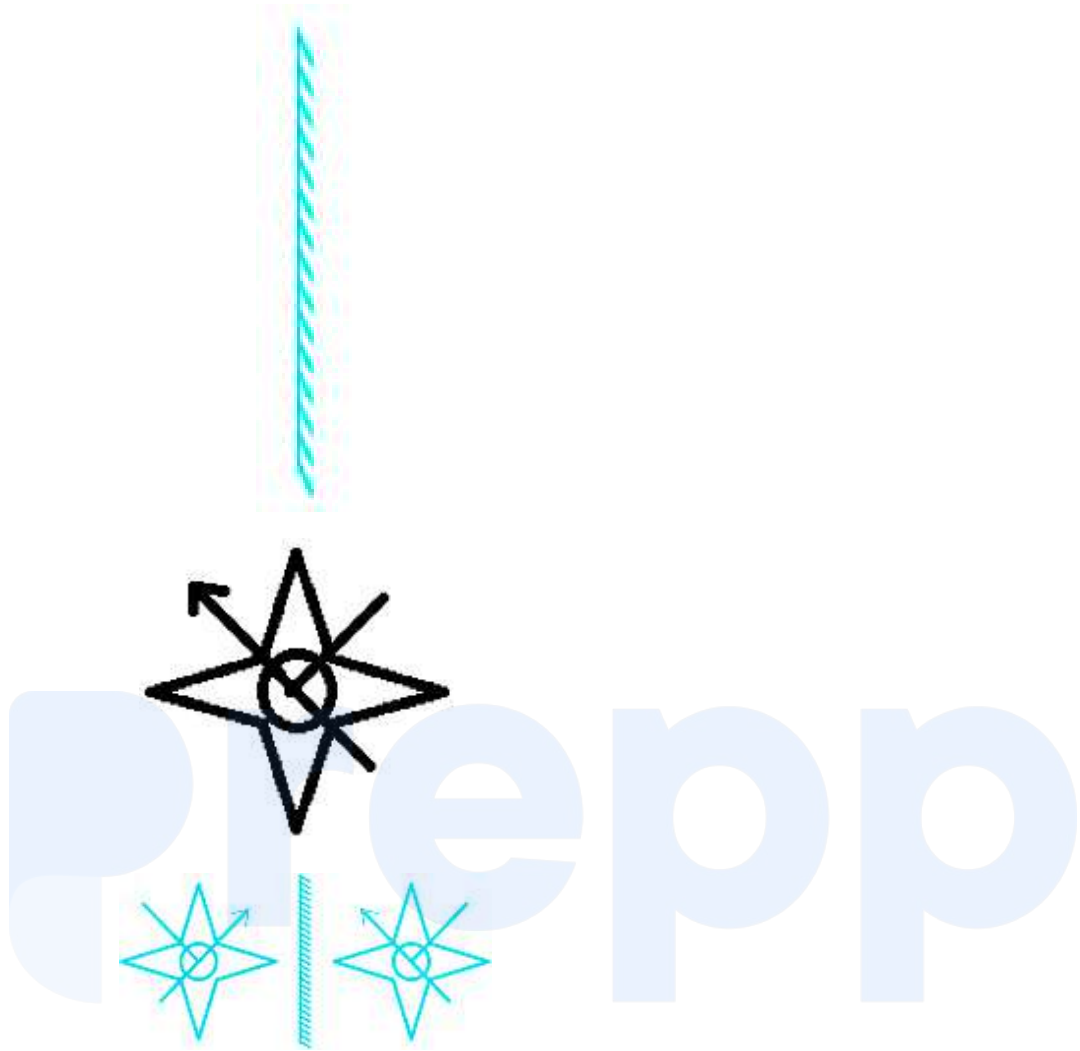
Hence, Option (2) is correct answer.

30. Answer: c

Explanation:

The mirror image of given figure is shown below-





Here, **Mirror image** is matched with the **Option (3)**.

Hence, **Option (3)** is correct answer.

31. **Answer: a**

Explanation:

The correct answer is Windows logo key + E.

★ Key Points

- Windows logo key + E keyboard shortcut is used to open File Explorer in Windows operating system .

- There are many keyboard shortcuts that help increase the efficiency of users by saving their time.

★ Additional Information

- Some of the shortcuts are-

Keyboard shortcut	Function
F5	It refreshes or reloads the page or document window.
Windows logo key + I	It is to open settings.
Windows logo key + C	Open Chat from Microsoft Teams. Updated in Windows 11.
Windows logo key + B	Set focus to the first icon in the Taskbar corner.
Windows logo key + D	Display and hide the desktop.
Windows logo key + E	Open File Explorer.
Windows logo key + M	Minimize all windows.
Windows logo key + Shift + M	Restore minimized windows on the desktop.
Windows logo key + O	Lock device orientation.

32. Answer: a

Explanation:

The correct answer is Desktop.

★ Key Points

- Desktop is the name of the main screen area you see after you turn on your computer and log on to Windows.
 - It serves as a surface for work, like the top of an actual desk.

- It is the **primary user interface of a computer**.
- It includes the desktop background (or wallpaper) and icons of files and folders that may have been saved to the desktop.
- In Windows, the desktop includes a taskbar, which is located at the bottom of the screen by default.

★ Additional Information

- **Application**
 - It is a **computer software package that performs a specific function for an end user or another application based on carefully designed features**.
 - Applications for desktop or laptop computers are sometimes called desktop applications, while those for mobile devices are called mobile apps.
- **Windows**
 - It is a **graphical operating system developed by Microsoft**.
 - It allows users to view and store files, run the software, play games, watch videos, and provides a way to connect to the internet.
- **Frame**
 - It is the **digital data transmission unit in telecommunication and computer networking**.
 - It helps identify data packets used in networking and telecommunications structures.
 - In packet switched systems, a frame is a simple container for a single network packet.
 - In other telecommunications systems, a frame is a repeating structure supporting time-division multiplexing.

33. Answer: a

Explanation:

The correct answer is a - ii, b - iii, c - iv, d - i

★ Key Points

- Ubuntu

- It is an **open-source operating system** .
- It is a complete Linux operating system, freely available with both community and professional support.
- It is sponsored by Canonical Ltd.
- It is suitable for cloud computing, servers, desktops, and internet of things (IoT) devices.
- **Firefox**
 - It is a **Web browser** .
 - It was developed by the Mozilla Foundation and its subsidiary, the Mozilla Corporation.
- **Ms-Outlook**
 - It is the **email client** included with the Microsoft Office suite.
 - It is a personal information manager software system from Microsoft.
 - It is a part of the Microsoft Office suite.
- **McAfee**
 - It is an **antivirus software** created and maintained by McAfee.
 - McAfee VirusScan Enterprise combines anti-virus, anti-spyware, firewall, and intrusion prevention technologies to stop and remove malicious software.

34. Answer: a

Explanation:

The correct answer is Ctrl + Shift + j.

★ Key Points

- Ctrl + Shift + j can be used to open Developer Tools in Google Chrome. Alternatively, F12 can also be used.
- There are many keyboard shortcuts that help increase the efficiency of users by saving their time.

★ Additional Information

- Some of the shortcuts are-

Keyboard shortcut	Function
Ctrl+Shift+Win+B	It restarts graphic driver and discards the desktop exterior buffer
Ctrl + T	It opens a new tab in an Internet browser.
Ctrl + Shift + m	Log in a different user or browse as a Guest
F5	It refreshes or reloads the page or document window.
Windows logo key + I	It is to open settings.
Windows logo key + C	Open Chat from Microsoft Teams. Updated in Windows 11.
Windows logo key + B	Set focus to the first icon in the Taskbar corner.
Windows logo key + D	Display and hide the desktop.
Windows logo key + E	Open File Explorer.
Windows logo key + M	Minimize all windows.
Windows logo key + Shift + M	Restore minimized windows on the desktop.
Windows logo key + O	Lock device orientation.

35. Answer: d

Explanation:

The correct answer is Secure.

★ Key Points

- HTTPS- Hypertext Transfer Protocol Secure
 - It is the **secure** version of HTTP .
 - It is **encrypted** in order to increase the security of data transfer .

- It plays an important role when users transmit sensitive data, such as by logging into a bank account, email service, or health insurance provider.
- This protocol uses the 443 port number for communicating the data.
- Those websites which need login credentials should use the HTTPS protocol for sending the data.

36. Answer: a

Explanation:

The correct answer is Resource.

★ Key Points

- URL stands for Uniform Resource Locator.
 - It is a readable address for resources on the internet or computer such as web pages or files.
 - It is **used to indicate the location of a web resource to access the web pages.**
 - The URL string can contain only symbols ! \$ - _ + * ' () , including alphanumeric characters as it is documented in RFC 1738.
 - Any other characters must be encoded in the URL if needed.

★ Additional Information

- A URL contains the following information-
 - The port number on the server, is optional.
 - It contains a protocol that is used to access the resource.
 - The location of the server.
 - A fragment identifier
 - In the directory structure of the server, it contains the location of the resource.

★ Important Points

- It is pertinent to note that an IP address is not the same as a web address or a URL.

- A domain name is assigned a unique IP address on the World Wide Web, and when entered an URL like google.com, it is translated by DNS into an IP address.
- The IP address is used by routers to find web servers.

37. Answer: b

Explanation:

The correct answer is downloading.

★ Key Points

- In the downloading process, files are transferred from a computer server to your computer on the Internet.
 - In this process, memory is required in the user's computer.
 - The download speed is affected by the distance between the computer and the server that is either sending or receiving data.
 - The speed is also affected if the internet connection is slow or multiple devices are using it simultaneously.
- Uploading means data is being sent from your computer to the Internet.
 - The upload speed is affected in the same way download speed is affected.

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38. Answer: d

Explanation:

The correct answer is Processing Unit.

★ Key Points

- The control unit (CU) and the arithmetic logic unit (ALU) together are commonly called the Processing Unit.
- Central Processing Unit (CPU)

- It is the electronic circuitry of a computer that carries out the actual processing and is usually referred to as the brain of the computer.
- It has two main components –
 - **Arithmetic Logic Unit (ALU)**
 - **Control Unit (CU)**
- The CPU is given instructions and data through programs.
- The CPU then fetches the program and data from the memory and performs arithmetic and logical operations as per the given instructions and stores the result back to memory.

★ Additional Information

- **Arithmetic Logic Unit**
 - It performs arithmetic and logic operations.
 - It has the ability to perform all processes related to arithmetic and logic operations such as addition, subtraction, and shifting operations, including Boolean comparisons (XOR, OR, AND, and NOT operations).
- **Control Unit**
 - It controls sequential instruction execution, interprets instructions and guides data flow through the computer's memory, ALU and input or output devices.
 - It fetches internal program instructions from the main memory to the processor instruction register.
 - It generates a control signal based on the contents of this register to supervise the execution of these instructions.

39. Answer: d

Explanation:

The correct answer is Optical Character Recognition (OCR).

★ Key Points

- Optical Character Recognition (OCR)

- It is the process that **converts an image of text into a machine-readable text format**.
- An OCR program extracts and repurposes data from scanned documents, camera images and image-only pdfs.
- The system uses a combination of hardware and software to convert physical, printed documents into machine-readable text.
- Hardware — such as an optical scanner or specialized circuit board — copies or reads text; then, software typically handles the advanced processing.

★ Important Points

- **Flat bed scanner**
 - It is an **optical scanner which makes use of a flat surface for scanning documents**.
 - It allows for the conversion of paper documents or photos into a digital form.
- **Magnetic Ink Character Recognition (MICR)**
 - It is a **character recognition technology** used mainly by the banking industry to streamline the processing and clearance of cheques and other documents.
 - This technology allows MICR readers to scan and read the information directly into a data-collection device.
- **QR code**
 - **It is called Quick Response.**
 - It is a type of barcode that stores information.
 - It is typically made up of black and white pixel patterns.
 - It can be read by digital device such as smartphone.

40. Answer: b

Explanation:

The correct answer is
a – true, b – false.



Key Points

- **Pointing device**
 - It is an input device used to move the pointer (cursor) on the screen.
 - Movements of the pointing device are echoed on the screen by movements of the pointer (or cursor) and other visual changes.
 - Common pointing devices used to control on-screen movement include **computer mice, touchpads, touch screens, joysticks, graphics tablets, and trackballs.**
- **Plotter is an output device .**
 - It interprets computer commands and makes line drawings on paper using multicoloured automated pens.
 - It is used to print graphical output on paper.
 - Computer Aided Engineering (CAE) applications like CAD (Computer Aided Design) and CAM (Computer Aided Manufacturing) are typical usage areas for plotters.
- **Text Input device**
 - It is an interface that is used to enter text information in an electronic device.
 - **Example- Mechanical keyboard.**

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41. Answer: a

Explanation:

The correct answer is a - ii, b - iii, c - iv, d - i.

Key Points

- **Magnetic Tape**
 - It is a medium for magnetic storage.
 - It is made of a thin, magnetizable coating on a long, narrow strip of plastic film.
 - It is **Auxiliary Storage Device** , which means it is an external storage device.

- In the magnetic tape, only one side of the ribbon is used for storing data.
- It is sequential memory which contains a thin plastic ribbon to store data and is coated by magnetic oxide.

★ Additional Information

- **Random access memory (RAM)**
 - It is a type of **data storage** used in computers that are generally located on the motherboard.
 - This type of memory is volatile and all information that was stored in RAM is lost when the computer is turned off.
 - There are two main types of RAM: Dynamic Random Access Memory (DRAM) and Static Random Access Memory (SRAM).
- **Laser Printer**
 - It is a type of computer printer that uses non-impact photocopier technology where there are no keys striking the paper.
 - Hence, it is an **output device**.
- **Light pen**
 - It is a light-sensitive computer input device
 - It is used to select a displayed menu item or draw pictures on the monitor screen.
 - Hence, it is an **input device**.

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42. Answer: b

Explanation:

The correct answer is Arithmetic and Logical Unit (ALU).

★ Key Points

- The arithmetic and Logical Unit (ALU) performs all arithmetic and logical operations (AND, OR, NOT).
- Arithmetic Logic Unit
 - It performs arithmetic and logic operations.

- It has the ability to perform all processes related to arithmetic and logic operations such as addition, subtraction, and shifting operations, including Boolean comparisons (XOR, OR, AND, and NOT operations).

★ Important Points

- Control Unit
 - It controls sequential instruction execution, interprets instructions and guides data flow through the computer's memory, ALU and input or output devices.
 - It fetches internal program instructions from the main memory to the processor instruction register.
 - It generates a control signal based on the contents of this register to supervise the execution of these instructions.
- Compiler
 - It is a **software program that converts computer programming code written by a human programmer into binary code (machine code).**
 - A cross-compiler produces code for a different CPU or operating system than the one on which the cross-compiler itself runs.
 - A bootstrap compiler is often a temporary compiler, used for compiling a more permanent or better optimised compiler for a language.
- Translator
 - It is a **program that converts source code into object code.**
 - Primarily, there are three types of translators:
 - compilers
 - interpreters
 - assemblers

43. Answer: b

Explanation:

The correct answer is: a - true, b - true, c - true

★ Key Points

- **Cache Memory**
 - It is a high-speed memory.
 - It is small in size but faster than the main memory (RAM).
 - The CPU can access it more quickly than the primary memory.
 - It holds the data and programs which are frequently used by the CPU.
 - It acts as a buffer between RAM and the CPU.
 - It is typically **integrated directly into the CPU chip or placed on a separate chip that has a separate bus interconnect with the CPU.**
- **The Logic Unit (LU) does the operations of comparison between numbers, letter and or special characters.**
- **Arithmetic Logic Unit**
 - It performs arithmetic and logic operations.
 - It has the ability to perform all processes related to arithmetic and logic operations such as addition, subtraction, and shifting operations, including Boolean comparisons (XOR, OR, AND, and NOT operations).
- **Control Unit**
 - It controls sequential instruction execution, interprets instructions and guides data flow through the computer's memory, ALU and input or output devices.
 - It fetches internal program instructions from the main memory to the processor instruction register.
 - It generates a control signal based on the contents of this register to supervise the execution of these instructions.
 - Basically, it coordinates the input and output devices of the computer.

★ **Additional Information**

All the statements are correct:

a) Cache memory is indeed a high-speed memory placed between the RAM and the CPU. It's used to temporarily hold data that the CPU is likely to reuse, which allows for faster data access compared to retrieving it from the main memory.

b) The logic unit of the CPU, also known as the arithmetic logic unit (ALU), does perform comparisons, among other operations. It can compare numbers, letters (in their binary form), and other types of data.

c) The control unit of the CPU coordinates the operations of all hardware within the computer, including the input and output devices. It manages the flow of data between the CPU and other devices.

44. Answer: a

Explanation:

The correct answer is a - true, b - false, c - false.

★ Key Points

- **Optical Mouse**
 - It is a computer mouse that uses a light source, typically a light-emitting diode (LED), and a light detector, such as an array of photodiodes, **to detect movement relative to a surface**.
 - It uses special-purpose image processing chips, as the mouse takes over 1,000 images/ps below the surface level to detect movement through reflected light changes.
- **Track Ball**
 - It is an input device used to enter motion data into computers or other electronic devices.
 - It is designed with a moveable ball on the top, which can be rolled in any direction.
 - **It is not a text scanning device.**
- **EPROM**
 - It is an erasable programmable read-only memory.
 - It **can be erased a limited number of times** because excessive erasing damages the silicon dioxide layer and it makes the use of chip unreliable..
 - It is a non-volatile memory that means its data will be retained even when the power is turned off.
 - Once programmed, an EPROM can be erased by exposing it to strong ultraviolet light source (such as from a mercury-vapor lamp).

45. Answer: a

Explanation:

The correct answer is a - ii, b - iii, c - iv, d - i.

★ Key Points

- CRT
 - It is **a Cathode-ray tube**.
 - It is a vacuum tube that produces images when its phosphorescent surface is struck by electron beams.
 - Most desktop computer displays make use of CRTs.
 - It is **an output device**.
- WSI-integration
 - It is **Wafer-scale integration (WSI)**.
 - It is a system of building very-large integrated circuit (commonly called a "chip") networks from an entire silicon wafer to produce a single "super-chip"
- CMOS Technology
 - CMOS stands for Complementary metal-oxide-semiconductor.
 - It is used for constructing integrated circuit (IC) chips, including microprocessors, microcontrollers, memory chips (including CMOS BIOS), and other digital logic circuits.
- Hence, WSI integration **and CMOS Technology are connected**.
- Central Processing Unit (CPU)
 - It is the electronic circuitry of a computer that carries out the actual processing and is usually referred to as the brain of the computer.
 - It has two main components –
 - Arithmetic Logic Unit (ALU)
 - Control Unit (CU)
 - The CPU is given instructions and data through programs.
 - The CPU then fetches the program and data from the memory and performs arithmetic and logical operations as per the given instructions and stores the result back to memory.
- ICR

- ICR stands for **Intelligent character recognition** .
- It is an advanced optical character recognition.
- It is the computer translation of manually entered text characters into machine-readable characters.

46. Answer: b

Explanation:

The correct answer is computer speaker.

★ Key Points

- Computer speaker is an output device.
 - A speaker is an output device because it receives audio signals from your computer's processor and outputs it as sound waves.
- **An output device is any hardware device used to send data from a computer to another device or user.**
 - Examples of output devices are:- monitors and projectors (video), headphones and speakers (audio), or printers and plotters (physical reproduction in the form of text or graphics).

★ Additional Information

- **Bar code reader**
 - It is an optical scanner that can read printed barcodes.
 - It decoded the data contained in the barcode and send the data to a computer.
 - **It is an input device.**
- **OMR**
 - It stands for Optical mark recognition.
 - It is the process of reading information that people mark on surveys, tests and other paper documents.
 - It is used to read questionnaires, multiple choice examination papers in the form of shaded areas.
 - **It is an input device.**

- Flat bed scanner
 - It is an optical scanner which makes use of a flat surface for scanning documents.
 - It allows for the conversion of paper documents or photos into a digital form.
 - **It is an input device.**

47. Answer: a

Explanation:

The correct answer is a - ii, b - iii, c - iv, d - i.

★ Key Points

- **Secondary Memory**
 - It is an **External memory**.
 - It provides the feature of being non-volatile, which means it can hold onto its data with or without an electrical power supply.
 - It is not accessed directly by the Central Processing Unit (CPU).
 - It is first loaded into Random Access Memory (RAM) and is then sent to the Processing Unit.
 - **Diskette is a secondary memory.**
- **Optical Storage**
 - It is an electronic storage medium that uses low-power laser beams to record and retrieve digital (binary) data.
 - A laser beam encodes digital data onto an optical, or laser, disk in the form of tiny pits arranged in a spiral track on the disk's surface.
 - **CD-ROM is a type of computer memory that is stored on a compact disc and read by optical means.**
- **Internal memory**
 - It is the "main or primary memory".
 - It refers to memory that stores small amounts of data that can be accessed quickly while the computer is running.
 - **RAM (Random Access Memory) is the internal memory of the CPU for storing data, program, and program result.**

- Smallest memory unit
 - The smallest memory unit is known as a bit.
 - A "bit" refers to a binary digit.
 - The most common representations for these values are "1" and "0."
-

48. Answer: a

Explanation:

The correct answer is a - ii, b - iii, c - iv, d - i.

★ Key Points

- Optical Mouse
 - It is a computer mouse that uses a light source, typically a light-emitting diode (LED), and a light detector, such as an array of photodiodes, to detect movement relative to a surface.
 - It uses special-purpose image processing chips, as the mouse takes over 1,000 images/ps below the surface level to detect movement through reflected light changes.
 - **It uses camera technology and digital processing to compare and track the position of the mouse.**
- Track Ball
 - It is an input device used to enter motion data into computers or other electronic devices.
 - It is designed with a moveable ball on the top, which can be rolled in any direction.
 - **A moving ball is mounted on a stationary device that can be rotated mechanically (manually) using the fingers**
- Digitizing (Graphic) Tablet
 - It is a **computer input device that enables a user to hand-draw images, animations and graphics, with a special pen-like stylus.**
 - Alternatively, it is a tool used to convert hand-drawn images into a format suitable for computer processing.
- Joystick

- It is an input device that can be used for controlling the movement of the cursor or a pointer in a computer device.
- It was first invented by C. B. Mirick at the U.S. Naval Research Laboratory, and patented in 1926.
- It includes a base and a stick that can be move to the different direction.
- **It is used to indicate position in video game play.**

49. Answer: a

Explanation:

The correct answer is Dots Per Inch (dpi).

★ Key Points

- Print resolution is measured as the number of Dots Per Inch (dpi).
 - It can be said that Resolution (in terms of print) is a measure of the number of dots that a device can put in one square inch of page space.
 - **The higher the dot density, the higher the resolution of the print or scan.**
 - A printer with 600 DPI is a printer that prints 600 x 600 per square inch or 360,000 dots per inch.
 - Increasing the DPI will make the size of the printed image smaller while decreasing the DPI will make the size of the printed image larger.

★ Additional Information

- **Characters-per-second (cps)** is a unit of measure used to describe the speed of dot-matrix and daisy-wheel printers.
- **Lines-Per-Minute (LPM)** is the number of lines of text a printer is capable of producing in one minute. It is affected by factors such as text size, resolution, and colour.
- **Pages per minute (PPM)** is a printer speed measurement standard. It is the measurement standard for how fast a printer can print a standardized page.

50. Answer: a

Explanation:

The correct answer is plotter.

★ Key Points

- **Plotter** is commonly used to print charts, graphs, CAD drawings and maps.
- Plotter
 - It is an output device.
 - It interprets computer commands and makes line drawings on paper using multicoloured automated pens.
 - It is used to print graphical output on paper.
 - **Computer Aided Engineering (CAE) applications like CAD (Computer Aided Design) and CAM (Computer Aided Manufacturing) are typical usage areas for plotters.**
- **An inkjet printer** is an output device that produces hard copies of a text document or photo by spraying droplets of ink onto paper.
- **Dot matrix printer** is an impact printer that prints using a fixed number of pins or wires. The pins strike an ink-coated ribbon and force contact between the ribbon and the paper so that each pin makes a small dot on the paper.
- **A Bubble Jet printer is a type of inkjet printer .**
 - In a bubble jet printer, tiny resistors create heat, and this heat vaporizes ink to create a bubble.
 - The expansion that creates the bubble causes a droplet to form and eject from the print head.

51. Answer: a

Explanation:

The correct answer is a – right, b – right, c – wrong.

★ Key Points

- An inkjet printer is an output device that produces hard copies of a text document or photo by **spraying droplets of ink like jet onto paper**.

- This printer create images by precisely spraying thousands of tiny ink droplets onto paper, similar to how TV and computer screens render images through clusters of thousands of pixels.
- **Laser Printer**
 - It is a type of printer that uses a laser and electrical charge model instead of the traditional printing of ink onto paper.
 - The image is created as an array of very fine dots.
 - The use of a laser in this way allows the creation of very fine, detailed images.
 - It is also called as page printer.
- **A page printer is a computer printer which processes and prints a whole page at a time.**
- **Dot matrix printer** is an impact printer that prints using a fixed number of pins or wires.
 - The pins strike an ink-coated ribbon and force contact between the ribbon and the paper, so that each pin makes a small dot on the paper.
 - This allows the printer to print special character, charts, graphs, etc.

52. Answer: a

Explanation:

The correct answer is
batch operating system.



Key Points

- **Batch operating system**
 - **Similar jobs are grouped together into batches with the help of an operator.**
 - These batches are executed one by one.
 - The Batch Operating System can be shared between multiple users.
 - The users using a batch operating system do not interact with the computer directly.

- Each user prepares its job on an off-line device like punch card and submits it to the computer operator.

★ Additional Information

- **Time-sharing operating system**
 - It enables many people, located at various terminals, to use a particular computer system at the same time.
 - It uses a CPU scheduling and multi-programming mechanism to provide a modest amount of operational time to each user.
- **Desktop operating system**
 - It usually operates with a server computer which has complete control over the resources.
 - The three most common operating systems for personal computers are Microsoft Windows, macOS, and Linux.
- **Network operating system**
 - It is a specialized operating system for a network device such as a router, switch or firewall.
 - It manages computer network resources such as data, and applications and ensures security.
 - The most common usable examples of network operating systems are Microsoft Windows Server, UNIX, Linux, and Mac OS X.

53. Answer: a

Explanation:

The correct answer is a - ii, b - iii, c - iv, d - i.

★ Key Points

- **z/OS**
 - It is a 64-bit operating system for IBM z/Architecture mainframe.
 - **It was introduced by IBM in October 2000.**
 - It was developed for its family of enterprise z/Architecture mainframe computers that organizations use for running mission-critical applications.

- **Windows 98**
 - It is a consumer-oriented operating system developed by **Microsoft** as part of its Windows 9x family of Microsoft Windows operating systems.
 - It was the successor to Windows 95.
 - **NT's technology** is the base for the Microsoft successor operating system, Windows 2000
- **Redhat**
 - It is **Linux operating system** .
 - It supports and powers software and technologies for automation, cloud, containers, middleware, storage, application development, etc.
- **iOS**
 - It is a mobile operating system created and developed by **Apple Inc** . exclusively for its hardware.
 - It is the operating system that powers many of the company's mobile devices, including the iPhone
 - The current stable version, iOS 16, was released to the public on September 12, 2022

54. Answer: a

Explanation:

The correct answer is Insert.

★ Key Points

- In Ms-Word365, the 'Insert' menu includes 'Reuse Files' option.
 - **On the Insert tab, in the Tap group, choose Reuse Files.**
 - The Search pane shows a list of content used by user and team from the Office applications (Word, Excel, PowerPoint) that have been seen before.

★ Additional Information

- Microsoft 365 is a subscription service that makes users always have the most up-to-date modern productivity tools from Microsoft.

- There are Microsoft 365 plans for home and personal use, as well as for small and mid-sized businesses, large enterprises, schools, and non-profits.
- Office 2021 is sold as a one-time purchase, which means users pay a single, upfront cost to get Office apps for one computer.

55. Answer: a

Explanation:

The correct answer is Alt + W + Q.

★ Key Points

- Alt + W + Q shortcut key is used to adjust the zoom magnification.
- There are many keyboard shortcuts that help increase the efficiency of users by saving their time.

★ Additional Information

- Some of the shortcuts are–

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Keyboard shortcut	Function
Ctrl + Z	It is used to undo the previous action
Ctrl + Alt + S	Split the document window
Alt + Shift + C	Remove the document window split
F5	It refreshes or reloads the page or document window.
Windows logo key + I	It is to open settings.
Windows logo key + C	Open Chat from Microsoft Teams. Updated in Windows 11.
Windows logo key + B	Set focus to the first icon in the Taskbar corner.
Windows logo key + D	Display and hide the desktop.
Windows logo key + E	Open File Explorer.
Windows logo key + M	Minimize all windows.
Windows logo key + Shift + M	Restore minimized windows on the desktop.
Windows logo key + O	Lock device orientation.

56. Answer: a

Explanation:

The correct answer is Ctrl + Shift + {.

★ Key Points

- Ctrl + Shift + {
 - It is used to reduce the size of a letter/character by one point at a time in Microsoft Word.

★ Additional Information

- **Ctrl +]**
 - It is used to Increase selected font +1pts in Microsoft Word.
- **Ctrl + [**
 - It is used to Decrease selected font -1pts in Microsoft Word.
- **Microsoft Word**
 - Microsoft Word is a word processing software developed by Microsoft.
 - It was first released on October 25, 1983, under the name Multi-Tool Word for Xenix systems.

57. Answer: a

Explanation:

The correct answer is move cursor to next page.

★ **Key Points**

- **Ctrl + Alt + Page Down**
 - Move cursor to the next page is the purpose of Ctrl + Alt + Page Down key sequence in Microsoft Word 2013.

★ **Additional Information**

- **Microsoft Word 2013** : Word 2013 is a word processing application that allows you to create a variety of documents like letters, flyers, and reports.
- Microsoft also made some more improvements in word 2013 to improve on user experience. Such included the following:
 - A New Look
 - Sharing and Collaboration
 - Editing Tools
 - Cloud Services
 - Read Mode
 - Multimedia
 - Editing PDFs

58. Answer: a

Explanation:

The correct answer is F7.

★ Key Points

- F7:
- displays the Editor task pane to check spelling and grammar in the document or the selected text.

★ Additional Information

- Shift+Ctrl+J
 - Justify the paragraph.
- Ctrl+F2:
 - displays the print preview area on the Print tab in the Backstage view.
- Shift+F8
 - reduces the selection.
 - For example, if a paragraph is selected, the selection size is reduced to one sentence.

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59. Answer: d

Explanation:

The correct answer is .xsls

★ Key Points

- .xlt
 - An Excel 4.0 file format that saves only worksheets, chart sheets, and macro sheets.
 - You can open a workbook in this file format in Excel 2010, but you cannot save an Excel file to this file format.

- .xls
 - Binary file formats for Excel versions 5.0/95 (BIFF5), Excel 97–2003 (BIFF8), and Excel 2010 (BIFF12).
- .xlsx
 - The default XML-based file format for Excel 2010 and Excel 2007.
 - Cannot store Microsoft Visual Basic for Applications (VBA) macro code or Microsoft Office Excel 4.0 macro sheets (.xlm).

60. Answer: a

Explanation:

The correct answer is 32,767.

★ Key Points

- Total number of characters that a cell can contain : 32,767 characters

★ Additional Information

- Column width: 255 characters
- Total number of rows and columns on a worksheet: 1,048,576 rows by 16,384 columns
- Unique cell formats/cell styles: 65,490
- Maximum number of line feeds per cell: 253
- File name length: 218 characters - This includes the file path. For example, C:\Username\Documents\FileName.xlsx.

61. Answer: d

Explanation:

The correct answer is Megasthenes.

★ Key Points

- **Megasthenes** was a Greek ambassador of **Seleucus I Nicator** in the court of **Chandragupta Maurya**.
- Megasthenes visited **India** sometime during the reign of Chandragupta Maurya.
- He compiled information about India in the form of **Indica**, a document which is now a lost work.

★ Additional Information

- **Dionysius**: Dionysius the Areopagite was an Athenian judge at the Areopagus Court in Athens, who lived in the first century.

62. Answer: d

Explanation:

The correct answer is Winston Churchill

★ Key Points

- **Winston Churchill** was the **British Prime Minister** at the time of Cripps Mission in India.
- The **Cripps Mission** was a **failed attempt** in late **March 1942** by the **British government** to secure full Indian cooperation and support for their efforts in **World War II**.
- The mission was **headed** by a senior minister **Stafford Cripps**.

★ Additional Information

- **Ramsay Macdonald**: Born 12 October 1866, James Ramsay MacDonald was the **first Labour Prime Minister** and came from a working class family.
- **Clement Attlee**: Clement Attlee was leader of the **Labour Party** from 1935 to 1955, and served as **Britain's Prime Minister** from 1945 to 1951.
- **Winston Churchill**: Winston Churchill was an **inspirational statesman, writer, orator** and **leader** who led Britain to victory in the Second World War.

63. Answer: c

Explanation:

The correct answer is Option 3.

★ Key Points

- The **Northeast monsoon** occurs during **October to December**.
- It is a comparatively **small-scale monsoon**, which is confined to the **Southern peninsula**.
- It is called the **winter monsoon**.

★ Additional Information

- **Regions associated with Northeast Monsoon:**
 - The rainfall associated with the Northeast monsoon is important for **Tamil Nadu, Puducherry, Karaikal, Yanam, coastal Andhra Pradesh, Kerala, north interior Karnataka, Mahe and Lakshadweep**.
 - Some South Asian countries such as **Maldives, Sri Lanka and Myanmar**, too, record rainfall during October to December.

64. Answer: a

Explanation:

The correct answer is Jharia.

★ Key Points

- Jharia coalfield is a large coal field located in the east of **India** in Jharia, **Jharkhand**.
- Jharia represents the **largest coal reserves** in India having estimated reserves of 19.4 billion tonnes of coking coal.
- **Coal Field**

- The coal field lies in the **Damodar River Valley**, and covers about 110 square miles (280 square km), and produces bituminous coal suitable for coke.
- Most of India's coal comes from **Jharia**.
- Jharia coal mines are India's most important storehouse of prime coke coal used in blast furnaces, it consists of **23** large underground and nine large open cast mines.

★ Additional Information

- **Bokaro:** Bokaro is fourth largest and most populous city in Indian state of Jharkhand.
- **Dhanbad:** Dhanbad ranks as the 42nd largest city in India and is the 34th largest million-plus urban agglomeration in India.
- **Giridih:** As of 2011 India census, Giridih had a population of 143,529, it is the 7th largest city of Jharkhand.

65. Answer: d

Explanation:

The correct answer is Option 4.

★ Key Points

- The Scheme is available to people in the age group **18 to 70 years** with a bank account who give their consent to join / enable auto-debit on or before **31st May** for the coverage period **1st June to 31st May** on an annual renewal basis.
- Aadhar would be the primary KYC for the bank account.
- The risk coverage under the scheme is **Rs. 2 lakh** for accidental death and full disability and **Rs. 1 lakh** for partial disability.
- The premium of **Rs. 20 per annum** is to be deducted from the account holder's bank account through 'auto-debit' facility in one installment.
- The scheme is being offered by **Public Sector General Insurance Companies** or any other **General Insurance Company** who are willing to offer the product on similar terms with necessary approvals and tie up with banks for this purpose.

★ Additional Information

- **Pradhan Mantri Suraksha Bima Yojana (PMSBY)**
 - Pradhan Mantri Suraksha Bima Yojana is a government-backed accident insurance scheme in India.
 - It was originally mentioned in the **2015 Budget speech** by Finance Minister Late Arun Jaitley in February 2015.
 - It was formally launched by the Prime Minister **Narendra Modi** on **8 May** in **Kolkata**.
-

66. Answer: d

Explanation:

The correct answer is Madhya Pradesh.

★ Key Points

- **Gandhi Sagar Sanctuary** is a **wildlife sanctuary** situated on the northern boundary of the **Mandsaur and Nimach districts in Madhya Pradesh**.
- The **Chambal River** passes through the sanctuary dividing it into two parts.
- There are **dry, mixed, deciduous forests and flat grasslands** around the dam.

★ Additional Information

- **Gujarat** has **four National Parks** and **twenty-three wildlife sanctuaries**.
 - **Maharashtra** has **thirty-five** wildlife sanctuaries.
 - **Rajasthan** has **twenty-five** wildlife sanctuaries.
-

67. Answer: a

Explanation:

The correct answer is Part XIII.

★ Key Points

- **Part XIII** of the Indian Constitution deals with **Trade, Commerce And Intercourse Within The Territory Of India** .
- It includes the following articles –
 - **Article 301** – Freedom of trade, commerce and intercourse
 - **Article 302** – Power of Parliament to impose restrictions on trade, commerce and intercourse
 - **Article 303** – Restrictions on the legislative powers of the Union and of the States
 - **Article 304** – Restrictions on trade, commerce and intercourse among States
 - **Article 305** – Saving of existing laws and laws providing for State monopolies
 - **Article 306** – Power of certain States in Part B of the First Schedule to impose restrictions on trade and commerce
 - **Article 307** – Appointment of authority for carrying out the purposes of articles 301 to 304.

★ Additional Information

- **Part XII** of the constitution of India is a compilation of laws pertaining to **Finance, Property, Contracts and Suits** for the Republic of India.
- **Part XIV** is a compilation of laws pertaining to the **constitution of India as a country and the union of states** that it is made of.
- **Part XV** of the Constitution of India consists of the **Articles on Elections**.

68. Answer: c

Explanation:

The correct answer is Light Amplification by Stimulated Emission of Radiation.

★ Key Points

- The acronym LASER stands for Light Amplification by Stimulated Emission of Radiation.
- It was **developed in 1960** by **Theodore Maiman** of Hughes Research Laboratories.

- It has found applications in **physics, chemistry, biology, medicine, surgery, engineering, etc.**

★ Important Points

- Laser is **used** in –
 - Fibre optics for communication
 - Cutting and welding
 - Optical discs
 - Printers

69. Answer: b

Explanation:

The correct answer is Andhra Pradesh.

★ Key Points

- Kuchipudi is **one of the eight major Indian classical dances**.
- It **originates** from a **village** named **Kuchipudi** in the Indian state of **Andhra Pradesh**.
- It is a **dance-drama** performance, with its **roots** in the ancient Hindu **Sanskrit text** of **Natya Shastra**.

★ Additional Information

- **Perini Sivathandavam or Perini Thandavam** is an ancient dance form from **Telangana**.
 - It originated and prospered during the **Kakatiya dynasty**.
- **Bharatanatyam** is a dance of **Tamil Nadu**.
 - It traces its origins back to the **Natyashastra**.
- **Dollu Kunitha** is a traditional dance form in **Karnataka**.
 - It is high on energy and performed all over the state during **major festivals and celebrations**.

70. Answer: c

Explanation:

The correct answer is Qatar.

★ Key Points

- Qatar is a **peninsular Arab country** famous for **one of the world's largest reserves of petroleum and natural gas**.
- The **FIFA World Cup Qatar 2022** will be played from **20 November to 18 December 2022**.

★ Additional Information

- FIFA held the football world cup in **Brazil** in **2014**.
- **Germany** hosted the FIFA world cup in **1974**.
- FIFA held the football world cup in **Argentina** in **1978**.

71. Answer: a

Explanation:

The correct answer is A and D.

★ Key Points

- **Permanent Settlement** was introduced by **Governor-General Lord Cornwallis** in **1793**.
- It was an **agreement between the British East India Company and the Landlords of Bengal** to **fix the land revenue**.
- It was first introduced in Bengal and Bihar and later it was introduced in Madras and Varanasi.
- Thus, B and C is incorrect and only A and D are correct.

★ Important Points

- The permanent Settlement system was **also known as the Zamindari system**.
- The Zamindars who were **earlier only tax collectors became landlords** under this system.

72. Answer: b

Explanation:

The correct answer is Bhagat Singh.

★ Key Points

- **Naujawan Bharat Sabha**
 - It was a **left-wing Indian association** that sought to foment **revolution against the British Raj**.
 - It brought together **worker and peasant youths** by disseminating **Marxist** ideas.
 - It was **founded by Bhagat Singh in March 1926**.
- **Bhagat Singh**
 - **Bhagat Singh** was an **Indian freedom fighter**.
 - He **participated in the mistaken murder** of a junior British police officer and was later **executed for the same in 1931**.

★ Additional Information

- **Surya Sen** was a **Bengali revolutionary** in British India.
 - He is best known for leading the **1930 Chittagong armoury raid**.
- **Netaji Subhas Chandra Bose** is known for his role in India's independence movement.
 - He was a **participant of the noncooperation movement** and a **leader of the Indian National Congress**.
 - He was known for his **advocacy of socialist policies**.
- **Ram Prasad Bismil** was an **Indian poet, writer, revolutionary and Indian freedom fighter**.
 - He participated in the **Mainpuri Conspiracy of 1918**, and the **Kakori Conspiracy of 1925**, and fought against British Raj.

73. Answer: a

Explanation:

The correct answer A, C and D.

★ Key Points

- The **Betwa** is a **tributary of the Yamuna** that flows through **Madhya Pradesh and Uttar Pradesh**.
- **Shivnath River** is the **longest tributary of the Mahanadi River** and flows through **Chhattisgarh**.
- **Kshipra** is a **sacred river in Hinduism** that flows through **Madhya Pradesh**.
- The **Chambal River** is a **tributary of the Yamuna River** and flows through **Madhya Pradesh**.
- Thus, A, C and D together are the correct choice.

★ Additional Information

- **Madhya Pradesh** is also known as the **motherland of rivers** as various rivers originate from the state.
- The **majority of rivers of the state are tributaries** of other important rivers of India.

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74. Answer: b

Explanation:

The correct answer is "Based on the ratio of rural to urban population, about 50% of Tamil Nadu's population lives in urban areas".

★ Additional Information:

- As per the data mentioned above:
 - 67.77% of the **West Bengal's population** lives in rural areas.
 - 48.56% of the **Tamil Nadu's population** lives in urban areas.

- The **highest urbanized state** is **Tamil Nadu** i.e. 48.56%.

75. Answer: d

Explanation:

The correct answer is Assam.

★ Key Points

- **Assam** is a state in **northeastern India** known for its **wildlife, archaeological sites and tea plantations** .
- It produced **2462.51 thousand metric tonnes** of natural gas in **2019–20** .

★ Additional Information

- The onshore natural gas production in the south Indian state of Tamil Nadu is estimated to reach approximately **696 million metric standard cubic meter** per day during the fiscal year 2021.
- **Tripura** and **Maharashtra** do not have **natural gas reserves** .

76. Answer: b

Explanation:

The correct answer is Tin.

★ Key Points

- **Cassiterite** –
 - It is a **tin oxide** mineral.
 - It is the **principal source** of tin metal (79.6% Sn).
 - It is generally opaque, but it is translucent in thin crystals.
 - Its luster and multiple crystal faces produce a desirable gem.
 - The crystal system is tetragonal.

★ Additional Information

- **Iron –**
 - It is the **first element of the eighth group** of the periodic table.
 - Its two major ores are **magnetite and hematite**.
- **Sodium –**
 - **Borax** is an **ore of sodium**.
 - It is a **chemical element**.
 - It is the **second element** of the **first major group** of the **periodic table**.
 - **Metals** are present in this group.
- **Calcium –**
 - It is an **alkaline earth metal**.
 - It is unavailable in its **pure state**.
 - It is the metallic element of the second main group of the periodic table.
 - \In terms of quantity, it is the **fifth place** in the land.

77. Answer: c

Explanation:

The correct answer is Mexico.

★ Key Points

- **Canelo Alvarez –**
 - He is a **Mexican professional boxer**.
 - He has **won multiple world championships** in four weight classes from **light middleweight to light heavyweight**.

★ Additional Information

- He is famous for being an **excellent counterpuncher**.
- He is also ranked as the **world's best active super-middleweight** by BoxRec.
- **The World Boxing Association (WBA) –**
 - It was founded in **1921**.
 - its **head office** is in **Panama**.

78. Answer: a

Explanation:

The correct answer is Chandra Gupta II.

★ Key Points

- Chandragupta II or Chandragupta Vikramaditya (380–412 AD) –
 - He was the king of **Gupta dynasty**.
 - He was endowed with the most gallant and heroic qualities among the Gupta kings.
 - Having **conquered the Shakas**, he assumed the title of '**Vikramaditya**'.

★ Additional Information

- Chandra Gupta Mourya –
 - It is also known as **Sandrocotes and Endocottus**.
 - He is the **founder** of the **Maurya Empire**.
 - He was successful in bringing the whole of India under one empire.
 - **The Greek ambassador Megasthenes** stayed in Chandragupta's assembly for four years.
- Skanda Gupta –
 - He was the **eighth king of the Gupta dynasty**.
 - Their capital was **Pataliputra**.
 - During this time the **Huns** attacked the Gupta Empire. But he successfully resisted them and drove them away.
 - He assumed the title of '**Vikarmaditya**'.
 - He got **Vishnu Stambh** constructed.
- Chandra Gupta I –
 - He was the **third** but **first independent** and **powerful** king of the Gupta dynasty.
 - He appointed **Samudragupta** as his successor.

79. Answer: a

Explanation:

The correct answer is "B-series".

★ Key Points:

• B-series	○ Gives information about "The status of economic activity of the population".
A-series	○ Gives information about "Classification of Population based on different factors such as Population size, Caste, etc.".
HH-series	○ Gives information about "Classification of Households based on various factors such as Size, Number of people living in a house, etc.".
D-series	○ Gives information about "Classification of Population based on combination of factors such as Place of birth & sex; Place of birth, age & sex; etc.".

80. Answer: a

Explanation:

The correct answer is Maharashtra.

★ Key Points

- **Maharashtra** is the second largest producer of sugarcane in the country in 2019-20
- The largest producer state of Sugarcane in India is Uttar Pradesh, Maharashtra, and Karnataka.
 - These state contribute to 80% of the total sugarcane production in India.
- **Uttar Pradesh** is the largest **sugarcane-producing state** in India.

- The average annual production of sugarcane in Uttar Pradesh is 135.64 million tonnes.

★ Additional Information

- **Sugarcane** –
 - It is a **multipurpose cash** crop.
 - It is one of the most important **Kharif crops**.
 - It is used in making sugar, jaggery, Khansari, etc.
- **Tamil Nadu** is the **fourth position** of the **major producer** of sugarcane in India.

81. Answer: c

Explanation:

The correct answer is A – IV; B – III; C – II; D – I.

★ Key Points

- The density of the population (As Per Census 2011) of India is **382 per square kilometre**.
 - **Bihar** is the **most thickly populated state** (1106 persons/sq km.) followed by west Bengal-1028 and Kerala 860.
 - Population density increased at the rate of **17.54** from 2001 to 2011.

State/UT	Density (per sq. km)
Tamil Nadu	555
Maharashtra	365
Haryana	573
Daman and Diu	2191
NCT of Delhi	11320

★ Additional Information

- According to the 2011 census –
 - Total population of India in 2011: **1,210,854,977**
 - Literacy Rate: **74.04%**
 - Population Density: **382 people per sq km**
 - Sex Ratio: **940**
-

82. Answer: b

Explanation:

The correct answer is **Dantewada**.

★ Key Points

- Chhattisgarh is the only **tin-producing** state in India.
- **Tin ore** is known as **cassiterite** (SnO_2).
- Tin minerals are found in the **Dantewada, Bastar, and Sukma** districts of Chhattisgarh.
- **Tin** is used in alloying, and chemical industries.

★ Additional Information

- Chhattisgarh state is a **mineral-rich** state.
 - Various types of minerals are found in Chhattisgarh, the maximum is found in the **Bastar district**.
 - **Iron** in Chhattisgarh is mainly of **hematite type**.
 - The **largest machined iron** ore mine in India is located at **Bailadila (Dantewada)**.
 - Chhattisgarh ranks first in **dolomite production**.
 - The maximum storage of dolomite in Chhattisgarh is located in **Bilaspur**.
 - **Diamond** is mainly obtained from the **Gariaband district** in the state of Chhattisgarh.
-

83. Answer: c

Explanation:

The correct answer is The first phase also includes a component of an additional round of funding of ₹15 lakh per village, for sustainable development of the already covered villages.

★ Key Points

- Pradhan Mantri Adarsh Gram Yojana –
 - This scheme was **started in 2009-10**.
 - Under this scheme, such villages are to be developed where the number of **scheduled castes is more than 50%** of the population of that village.
 - Under the scheme, **Rs 21 lakh** per village is given to the selected villages by the central government.
 - **20 lakhs** to reduce **socio-economic disparity**, and
 - **1 lakh** is spent on **administrative work**.

★ Additional Information

- Purpose of Pradhan Mantri Adarsh Gram Yojana (PMAGY scheme) –
 - Literacy rate, completion of primary education, reduction of infant mortality rate, and maternal mortality rate.
 - To build all the infrastructure necessary for social and economic development in the villages covered under this scheme.
 - To identify and improve the socio-economic indicators to reduce the disparity between Scheduled Castes and Non-Scheduled Castes.
 - To take measures to provide food and livelihood to all the people belonging to the Scheduled Castes below the poverty line.
 - To ensure that children belonging to Scheduled Castes can complete their education up to the secondary level.
 - To make every effort to save women and children from malnutrition.

84. Answer: b

Explanation:

The correct answer is Cape Sundew.

★ Key Points

- **Drosera capensis** –
 - It is commonly known as the **Cape sundew**.
 - It is a small rosette-forming **carnivorous species**.
 - its native habitat in **South Africa**.

★ Additional Information

- **Kalanchoe delagoensis** –
 - It is also referred to as 'Kalanchoe Tubliflora' and Bryophyllum Delagoensis.
 - These common names: are '**Chandelier Plant**' and '**Devil's Backbone**.'
 - it is a native plant of **Madagascar**.
 - Its leaves have thin and narrow.
 - These plants are **drought-tolerant and highly adaptable** to different environments.
- **Ivy** –
 - It is an **evergreen perennial** plant.
 - It is also classified as a **woody vine**.

85. Answer: a

Explanation:

The correct answer is Mundari.

★ Key Points

- **Mundari** –
 - It is a folk dance of **Munda society** in **Jharkhand**.
 - According to the change of seasons, their dances keep going on different ragas, rhythms, and rhythms, which are also indicative of their festivals, festivals.
 - Their speciality is that men do not dance together in the women's team.

★ Additional Information

- **Rengma** –
 - It is a **Naga tribe** found in the states of **Nagaland and Assam** in India.
 - In Assam, Rengma tribals are found in **Karbi-Anglong, Mikir hills**.
 - **Nagda festival** is their main festival.
 - It is an **eight-day** Nagda festival that marks the end of the **agricultural season**.
- **Changi** –
 - It is the folk dance of **Nagaland**.
- **Major folk dances of Nagaland** –
 - Butterfly dance, **Modse**, Agrisikukula, Aluyattu, Sadal Kekai, **Changai**, Kuki, Leshalapatu, Khamba Lim, **Peacock**, Maunyoshio, **Rengma**, Shankai, Moyashai, War dance, Jiliang.

86. Answer: b

Explanation:

The correct answer is women's Welterweight Boxing.

★ Key Points

- **Lovleen Borgohain** –
 - He is an **Indian boxer** (69 kg weight category).
 - She was born on 2 October 1997, in the **Golaghat district of Assam**.
 - She became the **first woman** from Assam to qualify for the Olympics.
 - Borgohain won the bronze medal for India in Tokyo Olympics 2020 (2021).

★ Additional Information

- India has won 7 medals at the Tokyo Olympics, surpassing the 2012 London Olympics.
- **Mirabai Chanu** won India's **first medal in Tokyo**.
 - She won a **silver medal** for the country in weightlifting.
- **PV Sindhu** won the **bronze medal** for India in Badminton.
- India's men's **hockey team** won the bronze medal.

- In wrestling, **Ravi won silver**, and **Bajrang won bronze**.
- **Neeraj Chopra** won the **gold medal** for India in the Javelin throw.

87. Answer: c

Explanation:

The correct answer is A and C.

★ Key Points

- **Mesolithic period -**
 - During this period humans started doing **animal husbandry**.
 - The earliest evidence of animal husbandry has been found in a place called **Bagore** located in Bhilwara.
 - The following sites belonging to the Mesolithic period are found in Rajasthan-
 - **Tilwara of Marwar, and Bagor of Udaipur** besides Sohanpura (Sikar) Dara (Kota) Harsora, Samantha (Alwar) Biratnagar (Jaipur).

★ Additional Information

- **Early Paleolithic -**
 - In this period, we get the **most ancient tools** made of stone in the form of **hand axes and chunks**.
 - In the **early Paleolithic period**, humans had learned to burn fire.
 - **The following sites belonging to the early Paleolithic period are found in Rajasthan -**
 - Dhiganriya, Mangarh (Banswara), Nathdwara (Rajsamand), etc. are sites related to the early stone period.
- **Late Neolithic Age -**
 - The time of this period is believed to be after **7000 BC**.
 - **Animal husbandry** and **cotton cultivation** started during this period.
 - **The caste system and agricultural work** were introduced in the Neolithic period.
 - It was during this period that man was introduced to the wheel.

- **Late Paleolithic site in Rajasthan –**
 - Bharani (Tonk) Samdari (Barmer) Jahazpur (Bhilwara).

88. Answer: a

Explanation:

The correct answer is Bhulabhai Desai.

★ Key Points

- **The Swaraj Party –**
 - It was formed on 1 January 1923 by **C R Das and Motilal Nehru**.
- **Civil disobedience movement –**
 - This movement was started under the **leadership of Mahatma Gandhi**, which started with Gandhiji's famous **Dandi March**.
 - On March **12, 1930**, Gandhiji and 78 other members of the ashram started their journey to Dandi from Sabarmati Ashram.
 - He reached Dandi on **6 April 1930**, where he broke the salt law.
 - With the disobedience of the salt law, the civil disobedience movement spread throughout the country.

★ Additional Information

- **Bhulabhai Desai –**
 - He was an **eminent jurist** of India, a **prominent parliamentary leader**, and a **trusted associate** of Mahatma Gandhi.
 - He was born in **Balsar in the Surat district**.
 - He was Influenced by the inspiration of Mahatma Gandhi.
 - He participated prominently in the freedom movement.
- **Madhav Desai –**
 - He was a **fighter and nationalist** writer of India's freedom struggle.
 - He was the **personal secretary of Gandhiji** for a long time (about 25 years).
- **C. Rajagopalachari –**
 - He is also known by the **name Rajaji**.
 - He was the **first Indian Governor General** of independent India.

- **Govind Ballabh Pant** –
 - He was a **famous freedom fighter** and senior Indian politician.
 - He was the **first Chief Minister** of the state of Uttar Pradesh.
-

89. Answer: c

Explanation:

The correct answer is Little Andaman and Car Nicobar Islands.

★ Key Points

- The **10-degree channel** separates the **Little Andaman** and the **Nicobar Islands**.

★ Additional Information

- **Andaman and Nicobar** –
 - It is a Union Territory/Union Territory of India.
 - Its **capital is 'Port Blair'** located in South Andaman, which is one of the major ports of India.
 - It is separated from Myanmar through the '**Cocoa Channel**' and from Indonesia through the '**Great Channel**'.
 - **Saddle Peak** is the **highest peak** in the Nicobar Islands.
 - The **North to South** order of the major islands in the **Andaman islands** is as follows:
 - **North Andaman**
 - **Middle / Middle Andaman**
 - **South Andaman**
 - **Little Andaman**
 - The **North to South** order of the major islands in the **Nicobar Islands** is as follows:
 - **Car Nicobar**
 - **Little Nicobar**
 - **Great Nicobar**
-

90. Answer: c

Explanation:

The correct answer is Andhra Pradesh.

★ Key Points

- The productivity per hectare of coconut at the national level for 2019-20 is 9898 nuts per hectare.
- The highest productivity is reported in **Andhra Pradesh** at 14136 nuts per hectare.
- Followed by **West Bengal** at 12487 nuts per hectare and **Tamilnadu** at 12296 nuts per hectare.

★ Additional Information

- India is **one of the top coconut-producing** countries in the world.
- States like **Karnataka, Kerala, Tamil Nadu, and Andhra Pradesh** are the major contributors.
- **World Coconut Day** was **first organized in 2009** to commemorate the creation of the Asian Pacific Coconut Community (APCC).
- **World Coconut Day** is celebrated on **2 September**.
- APCC is **headquartered in Jakarta**, Indonesia.
- Coconut is a member of the drupe family and is a fleshy fruit that grows in tropical regions.
- Coconut contains many antioxidants and is antibacterial, anti-fungal, and antiviral.

91. Answer: c

Explanation:

The correct answer is **A, B, and C**.

★ Key Points

- According to Census 2011, 83 crores 35 lakh people i.e. about **two third** of the country's population lives in villages.

★ Additional Information

- Some important facts about Census-2011 -
 - Total population - 1,21,05,69,573 (**68.8% urban and 31.2% rural**)
 - Child Sex Ratio (0-6 Years) - **919** (Rural - **923** & Urban - **905**)
 - Sex Ratio - **940 Females** /1000 Males
 - Density of population - **382 persons/sq.km**
 - Decade population growth between 2001 and 2011 - 17.64%
 - Literacy Rate - **74.04%** of the total population
 - India has **17.5%** of the world's population

92. Answer: b

Explanation:

The correct answer is Namdapha National Park.

★ Key Points

- **Namdapha National Park** is home to only a few species of cat-like Tiger, Cheetah, Snow Leopard, and Clouded Leopard at higher altitudes.

★ Additional Information

- **Namdapha National Park** -
 - It is a major tourist attraction in **Arunachal Pradesh**.
 - The entire Eastern Himalayas has been declared a **biodiversity hot spot**.
 - It is located in the Changlang district and is known for its sanctuary.
 - It has been declared a national park.
- **Kaziranga National Park** -
 - It is a **national park** in the state of Assam, India.
 - The park is particularly **famous for the one-horned rhinoceros**.
- **Jim Corbett National Park** -
 - It is the **oldest national park** in India
 - It is located near **Ramnagar town** of **Nainital district** of Uttarakhand.
 - This was the first park to come under the **Tiger Project initiative**.
- **Rajaji National Park** -

- It is located at a distance of 23 km from Dehradun, **Uttarakhand**.
- It is one of the **major tourist places** in Dehradun (Uttarakhand).
- It is known for the **number of elephants**.

93. Answer: d

Explanation:

The correct answer is A - 4; B - 2; C - 1; D - 3.

★ Key Points

- **Cambrian Era -**
 - The **oldest sedimentary rocks** were formed during this period.
 - **The Vindhya ranges** in India were formed during this period.
 - In this period the **first flora and fauna** originated on earth.
 - These creatures were without a backbone.
 - At the same time, algae originated in the oceans.
- **Carboniferous Era -**
 - **Amphibians** developed and expanded in this era.
 - In this period, **100 feet high trees** were also called the age of big trees.
 - The rocks of the **Gondwana order** were formed due to the suppression of trees in the fault.
 - In which extensive deposits of coal are found.
 - Hence it is also called **Carboniferous Kalpa** or **Coal Yuga**.
- **Cretaceous Era -**
 - The emergence of **big turtles** was also seen in this period.
 - Trees of **temperate deciduous forests** like 'Magnolia' and Poshanar developed.
 - The origin of the **Rocky and Andes mountains** began.
 - In the plateau part of India, in the Cretaceous period itself, **volcanic lava erupted**.
 - Due to this the **Dakkan trap** and black soil have been formed.
- **Quaternary Era -** It has two-part -
 1. **Pleistocene Era -**

-
- During this era, the **temperature level came down**, due to which Europe saw four ice ages respectively.
- which are like this
- **Guns, Mindel, Riss and Wurm.**
- **Humans and other mammals** evolved into their present form during this period.

2. Holocene Era –

- Due to the **rise in temperature** during this period, the ice of the Pleistocene period ended and the present condition of the world was attained which is still continuing.
- At the same time, the ocean creatures attained their present state.
- At the site, the **man started agriculture and animal** husbandry.

94. Answer: d

Explanation:

The correct answer is A – 3; B – 4; C – 2; D – 1.

★ Key Points

- **Hojagiri Dance –**
 - It is a **folk dance** of the state of **Tripura** in Northeast India.
 - It is **performed by little girls** in the **Reang community**.
 - In this, they dance while standing on the pitchers, holding a bottle or other object on their heads.
- **Khullam Dance –**
 - **This dance** is performed by the **local artists** of **Mizoram**.
 - The meaning of the word **Khulkhulam** is the **dance of the guests**.
 - **Pundampoon** is a traditional dress that is freely worn by dancers.
- **Thaugal Jagoyi Dance –**
 - It is a **Manipuri traditional** dance.
 - It is performed by men and women, along with **Mai bis (priestesses)** to invoke the deities.

- It is performed during the **religious festival** of Lai Haraoba.
- **Khullam Dance –**
 - It is the folk dance of the **Ao tribe (Nagaland)**.
 - It is known for its costume.
 - Men wear Lantham and a head gear Thunku, which is decorated with **hornbill feathers**.

95. Answer: d

Explanation:

The correct answer is Satish Shivalingam.

★ Key Points

- **Satish Shivalingam** is not related to Kabaddi.
- Satish Shivalingam –
 - He is an Indian weightlifting player.
 - He has won gold medals in the 77 kg weight category of the Commonwealth Games in 2014 and 2018.

★ Additional Information

- **Ajay Thakur –**
 - He is an Indian **Kabaddi player**.
 - He is the **former captain** of the Indian National Kabaddi Team.
 - He was part of the national team which won the 2016 Kabaddi World Cup.
 - He was born on 1 May 1986 in **Nalagarh, Himachal Pradesh**.
- **Deepak Niwas Hooda –**
 - He is an Indian Kabaddi player.
 - He was part of the Indian team that won the gold medal at the 2016 South Asian Games.
- **Rahul Choudhary –**
 - He is an Indian **professional Kabaddi player**.
 - He was a member of the Indian National Kabaddi team that won a gold medal in the **2016 South Asian Games**.

96. Answer: c

Explanation:

The correct answer is Attempted theft.

★ Key Points

- X puts his hand in Y's pocket to cut his pocket. But X's attempt fails as the pockets are empty. X is guilty of the offence of theft.
- **As per section 378 in The Indian Penal Code theft** is defined as :
 - Whoever, intending to take dishonestly any moveable property out of the possession of any person without that person's consent, moves that property in order to such taking is said to commit theft.

★ Additional Information

- **Extortion**
 - Whoever intentionally puts any person in fear of any injury to that person, or to any other, and thereby dishonestly induces the person so put in fear to deliver to any person any property, or valuable security, or anything signed or sealed which may be converted into a valuable security, commits "extortion".

97. Answer: c

Explanation:

The correct answer is Within 30 days.

★ Key Points

- **Within 30 days**, is the time period prescribed for filing an appeal under **Section 29** of the **Protection of Women from Domestic Violence Act, 2005**.

★ Additional Information

- Protection of Women from Domestic Violence Act, 2005:
 - It is an Act of the Parliament of India enacted to protect women from domestic violence.
 - It was brought into force by the Indian government and the Ministry of Women and Child Development on **26 October 2006**.
-

98. Answer: b

Explanation:

The correct answer is Oral evidence.

★ Key Points

- **Section 119 of the Indian Evidence Act, 1872:**
 - This Section deals with 'dumb witnesses'.
 - A witness who is unable to speak may give his evidence in any other manner in which he can make it intelligible, as by writing or by signs; but such writing must be registered and the characters made in open Court.
 - The evidence so given shall be deemed to be **oral evidence**.

★ Additional Information

- **Secondary evidence:**
 - It is evidence that has been reproduced from an original document or substituted for an original item.
 - For example, a photocopy of a document or photograph would be considered secondary evidence.
-

99. Answer: a

Explanation:

The correct answer is Offenses punishable with imprisonment for life.

★ Key Points

- Offences which are not punishable by death, imprisonment for life or imprisonment for more than two years, cannot be summarily tried under the **Code of Criminal Procedure, 1973.**

★ Additional Information

Code of Criminal Procedure, 1973.

- It shall come into force on the 1st day of April 1974.
- Maintenance under the CrPC is secular in nature, as any woman belonging to and practising any religion or faith can approach the Court under this. Hence option 4 is correct.
- The law of maintenance is given under Sections 125-128 of the Criminal Procedure Code and is civil in nature.
- Under this Section, maintenance can be claimed by the wife, children and parents.
- Section 125 to 128 provide for a speedy, effective and rather inexpensive remedy against persons who neglect or refuse to maintain their dependant wives, children and parents.
- In case one claims maintenance in the capacity of wife, she must be unable to maintain herself.
- In case of claim of maintenance in the capacity of a child, legitimate or illegitimate minor children, whether married or not, they can claim maintenance, if they are unable to maintain themselves.

100. **Answer: a**

Explanation:

The correct answer is To deposit to the state treasury.

★ Key Points

- Under section 13 of the Sati (Prevention) Act 1987, if any person has been convicted of an offence under this Act, the Special Court prosecuting such a

case can confiscate his property under section 8 and use the confiscated money or property for to deposit to the state treasury.

★ Additional Information

- **Section 13** of the Sati (Prevention) Act 1987
 - **Forfeiture of funds or property.** Where a person has been convicted of an offence under this Act, the Special Court trying such offence may, if it is considered necessary so to do, declare that any funds or property seized under section 8 shall stand forfeited to the State.

101. Answer: a

Explanation:

The correct answer is Dangerous businesses.

★ Key Points

- One of the main objectives of the Child and Adolescent **Labor (Prohibition and Regulation) Act, of 1986** is to prevent the engagement of children in **Dangerous businesses.**

★ Additional Information

- **Labor (Prohibition and Regulation) Act, 1986**
 - An Act to prohibit the engagement of children in certain employments and to regulate the conditions of work of children in certain other employments.

102. Answer: c

Explanation:

The correct answer is FiveYears.

★ Key Points

- Section 10 of the POCSO Act: Punishment for aggravated sexual assault – Whoever commits aggravated sexual assault on a minor shall be punished with imprisonment of either description for a term which shall not be less than five years but which may extend to seven years, and shall also be liable to a fine.

★ Additional Information

- **THE PROTECTION OF CHILDREN FROM SEXUAL OFFENCES ACT, 2012**
 - An Act to protect children from offences of sexual assault, sexual harassment and pornography and provide for the establishment of Special Courts for a trial of such offences and for matters connected therewith or incidental thereto.

103. Answer: a

Explanation:

The correct answer is Central Government.

★ Key Points

- As per section 2(j) of the Immoral Traffic (Prevention) Act, 1956, "trafficking police officer" means a police officer appointed by the Central Government under sub-section (4) of Section 13.

★ Additional Information

- **Immoral Traffic (Prevention) Act, 1956**
 - An Act to provide in pursuance of the International Convention signed in New York on the 9th day of May 1950, for the Prevention of Immoral Traffic.
 - **Immoral trafficking**
 - It is a violent assault on human security and is shockingly widespread. Trafficking of humans involves men, women, and children from one place to another, often placing them in conditions of forced labour.

104. Answer: d

Explanation:

The correct answer is Three years.

★ Key Points

- Any person, who stores or possesses pornographic material in any form involving a child for the commercial purpose shall be punished on the **first conviction** with imprisonment of either description which shall not be less than **three years** which may extend to five years, or with a fine, or with both, and in the event of second or subsequent conviction, with imprisonment of either description which shall not be less than five years which may extend to seven years and shall also be liable to fine."

★ Additional Information

- **THE PROTECTION OF CHILDREN FROM SEXUAL OFFENCES ACT, 2012**
 - An Act to protect children from offences of sexual assault, sexual harassment and pornography and provide for the establishment of Special Courts for the trial of such offences and for matters connected therewith or incidental thereto.

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105. Answer: b

Explanation:

The correct answer is 3 Years.

★ Key Points

- **Section 27 Juvenile Justice Act 2015**
 - No person shall be appointed as a member of the Committee unless such person has been actively involved in health, education, or welfare activities pertaining to children for at least seven years or is a practising professional

with a degree in child psychology or psychiatry, or law or social work or sociology or human development.

- No person shall be appointed as a member unless he possesses such other qualifications as may be prescribed.
- No person shall be appointed for a period of more than **three years** as a member of the Committee.

★ Additional Information

- **THE JUVENILE JUSTICE (CARE AND PROTECTION OF CHILDREN) ACT, 2015**

- An Act to consolidate and amend the law relating to children alleged and found to be in conflict with the law and children in need of care and protection by catering to their basic needs through proper care, protection, development, treatment, and social re-integration, by adopting a the child-friendly approach in the adjudication and disposal of matters in the best interest of children and for their rehabilitation through processes provided, and institutions and bodies established, herein under, and for matters connected therewith or incidental thereto.

106. Answer: c

Explanation:

The correct answer is Tonk.

★ Key Points

- **The ancient mound of Nagar** is situated in the district of **Tonk of Rajasthan**.
- It was the capital of the Malva republic and the ancient name of this place was Karkota Nagar.
- The area of the ancient mound is nearly 5 sq. km.
- The site was flourishing from the 2nd century BC to the 3rd-4th century AD.
- The site was in existence up to the 9th-10th century AD.
- Earlier it was excavated by Shri Krishna deva in 1942-43 but due to some reason report could not be published.

★ Additional Information

- **Tonk district** is a district of the state of Rajasthan in western India.
- The city of Tonk is the administrative headquarters of the district.
- The town is situated 95 km by road south of Jaipur, near the right bank of the Banas River.
- The history of Tonk is very old as it is connected with Bairath culture. It was known as **SAMWAD LAKSHYA** in the Mahabharat period.
- The region was under Maurya then it was merged into Malvas.
- Later most of the region was part of the **Harsh Vardhan empire**.

107. **Answer: a**

Explanation:

The correct answer is Lachura.

★ Key Points

- **Lachura** site was excavated in **1998** in the **Bhilwara district of Rajasthan**.
- Excavation at Lachhura by the Jaipur circle of Archaeological Survey of India in 1998 has revealed a cultural deposit of about 7m datable to **700B.C.- 200 A.D.**
- It is divided into four periods Pre NBP, NBP, Sunga and Kushan based on pottery and antiquity.
- Interesting findings include terracotta human and animal figurines, copper bangles, iron knife, chisel and dagger, beads of terracotta, carnelian and quartz beside wide ranges of potteries like black slipped ware, black and red ware, grey ware and red slipped ware.

★ Additional Information

- **Ojiyana:**
 - The Jaipur Circle, of the Survey, under the direction of **B.R.Meena and Alok Tripathi**, assisted by **B.R.Singh, S.C.Gupta, Apheriya**, carried out excavation at Ojiyana, located about 30 km southwest of Beawar in the hilly region of District **Bhilwara**.
 - The site is unusually located on a hill slop, which makes it unique among other sites of Ahar culture, which flourished in river valleys.

- **Nagar**
 - It is a small town in the state of Rajasthan, with a population of about 22,000 people.
 - It is a known place for spring fairs and festivals, and this is the time when a lot of people visit this small town
- **Bairath**
 - The historical region of **Bairath** is known for the excavated remains of a circular **Buddhist temple**.
 - Relics of the Mughal, Rajput, and Mauryan periods have also been found here.
 - In ancient times, Bairath was called **Viratnagar** and was the then capital of Matsya king, Virat.
 - Legend has it that the **Pandavas**, of the epic Mahabharata, spent a year here during their exile.
 - Chinese traveler, Xuanzang, considered Bairath a great place for Buddhist pilgrimage.
 - Other excavations revealed that it was a part of the Mauryan empire and a Buddhist center from the 3rd century BC to the 1st century AD.
 - This is proved by two rock edicts found here, which are believed to be among the 84,000 rock edicts and pillar inscriptions that were engraved during the rule of Ashoka to spread and preach the teachings of Lord Buddha.
 - The town was also an important center during the rule of Mughal emperor, Akbar, who built a coin factory here.

108. Answer: d

Explanation:

The correct answer is Ajmer.

★ Key Points

- **Ajmer** is situated to the southwest of Jaipur.
- It is an oasis wrapped in green hills.

- The city was founded by **Raja Ajay Pal Chauhan** in the 12th Century A.D. and continued to be a major centre of the Chauhan power till 1193 A.D.

★ **Additional Information**

- **Raja Ajay Pal Chauhan**
 - In the **seventh century**, **Raja Ajay Pal Chauhan**, ruler of one of the eight Chauhan families, **established** the **city** of Ajmer as the Chauhan capital.
- **Udaipur**
 - The city of **Udaipur**, which is also known as **Venice of the East**, lies in the southern slopes of the Aravali ranges.
- **Jodhpur**
 - **Mehrangarh**, located in **Jodhpur**, Rajasthan, is one of the largest forts in India.
 - Built around **1459 by Rao Jodha**, the fort is situated 410 feet above the city and is enclosed by imposing thick walls.
 - Inside its boundaries, there are several palaces known for their intricate carvings and expansive courtyards.
- **Jaipur**
 - Jaipur is the capital of Rajasthan which was founded by **Maharaja Sawai Jai Singh II** on **November 18, 1727**.
 - Maharaja Sawai Jai Singh II was a Kachwaha Rajput who ruled Jaipur from 1699–1743.
 - Prior to Jaipur, his capital was Amber which is 11 km away from Jaipur.
 - With the increase in population, the king felt the need to shift the capital city.
 - Another reason to shift the capital was the scarcity of water in the Amber region.
 - It was one of the earliest planned cities of modern India, designed by Vidyadhar Bhattacharya.

109. **Answer: d**

Explanation:

The correct answer is **Ranjeet Singh**.

★ Key Points

- **Ranjeet Singh** has not been the ruler of Pratapgarh.
- **Pratapgarh**
 - It is the **33rd district** of Rajasthan, created on **26 January 2008**.
 - It is a part of the **Udaipur Division**.
 - It has been carved out from the erstwhile tehsils of Chittorgarh, Udaipur, and Banswara districts.

★ Additional Information

- **Geography of Pratapgarh district**
 - It is situated at the junction of the Aravali mountain ranges and the Malwa Plateau.
 - The soil is mainly highly fertile Black Cotton Soil made of magma from volcanos.
 - The major rivers of the district are Jakham, Mahi, and Siwana, or shiv.
 - Other seasonal rivers are Som, Era, and Karmoi.

110. Answer: d

Explanation:

The correct answer is He defeated the Arab rulers of Sindh who were trying to invade Rajasthan, Gujarat, Punjab etc.

★ Key Points

- **Nagabhatta I**
- He was the founder of the Gurjara-Pratiharas Dynasty.
- He defeated the Arab army under Junaid and Taemin in the Battle of Rajasthan.
- He defeated the Arab rulers of Sindh who were trying to invade Rajasthan, Gujarat, Punjab etc.

★ Additional Information

- The Pratiharas Dynasty

- **The Pratiharas** were also renamed **Gurjara**.
- Between the **8th and 11th** century A.D, they ruled over northern and western India.
- Pratiharas: A fortification- Against the hostility of the Muslims from the days of Junaid of Sind, the Pratiharas stood as a fortification of India's defence to Mahmud of Ghazni.

111. Answer: c

Explanation:

The correct answer is June 18, 1576.

★ Key Points

- **The Battle of Haldighati was fought on 18 June 1576** between Rana of Mewar, Maharana Pratap, and the Mughal emperor Akbar.
 - The Mughals were led by Man Singh and Asaf Khan.

★ Additional Information

Battle	Fought Between	Year
Battle of Haldighati	Maharana Pratap and Akbar	1576
2nd Battle of Panipat	Akbar and Hemu	1556
1st Battle of Panipat	Babur and Ibrahim Lodhi	1526
Battle of Khanwa	Babur and Rana Sanga	1527

112. Answer: b

Explanation:

The correct answer is Arya Samaj.

★ Key Points

- **Arya Samaj** had a great influence during the lifetime of **Rao Gopal Singh**.
 - He was closely associated with the revolutionary movement in Rajasthan which was a part of the national movement against the British.
 - Once upon a time, two other revolutionaries **Rash Behari Bose** and **Sachindra Nath Sanyal** planned an armed revolution against the British in northern India.
 - He was asked to leave Kharwa as he was the zamindar of **Kharwa** (somewhere in the Ajmer Merwada region).

★ Important Points

- **Brahmo Samaj** – Raja Ram Mohan Roy
- **The Ramakrishna Mission** is named after the Indian spiritual guru Ramakrishna Paramhansa and was founded on 1 May 1897 by Swami Vivekananda, Ramakrishna's chief disciple.

113. Answer: a

Explanation:

The correct answer is Kesari Singh Barath.

★ Key Points

- '**Chetwani Ra Changtya**' is a famous Rajasthani artwork that was created by the famous freedom fighter **Kesari Singh Barath**.
 - This composition is in the form of '**Sortha Chhand**'.
 - It was written to Maharana Fateh Singh of Mewar not to participate in the '**Delhi Durbar**' conducted by Lord Curzon, the king of Mewar.
 - Therefore, Fateh Singh visited Delhi, however, he did not attend the 'Delhi Durbar'.
 - This unexpected conduct of Maharana created a sensation among the British rulers and created a new wave of nationalism among the patriotic freedom fighters.

- Therefore, we conclude that ' Chetwani Ra Changtya' was written by Kesari Singh Barath .

114. Answer: b

Explanation:

The correct answer is Zorawar Singh Barath.

★ Key Points

- **Zorawar Singh Barhath** was an Indian freedom fighter and revolutionary.
 - His brother **Kesari Singh Barhat** and his son **Pratap Singh Barhat** were also great revolutionaries.
 - He was a revolutionary who fought fiercely in the freedom struggle.
 - He detonated a bomb on Lord Hardinge in Delhi.
 - However, Lord Hardinge escaped. Zorawar Singh Barhath **later spent his life in the dress of a saint under the pseudonym of Amardas Vairagi**.
 - **Zorawar** was also involved in the murder and robbery of the Mahant of Nimaz of Ara (Bihar) with the aim of raising funds for the country's independence.

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115. Answer: d

Explanation:

The correct answer is
1888 to 1896.



Key Points

- The Bijolia movement was divided into three phases:

- **The first phase was from 1897 to 1915** by Raokrishna Singh "Chanvari Kar" In 1913 there was a famine in Bijolia Thackane.
- **Second Phase From 1916 to 1923**, Kisan Panchayat Board was established in Barisal village in the second phase of Vijay Singh Bijolia.
- **The third phase of Praja Mandal was established in Mewar in 1938** by Manikya Lal Verma in the third phase of Manikya Lal Verma and Ramnarayan Choudhary Bijolia movement from 1923 to 1941.

★ Additional Information

- **Bijolia movement:**
 - This **movement lasted from 1897–1941**, it is considered as India's first non-violent peasant movement, it was the first organized peasant movement of Rajasthan.
 - Bijolia in present-day Bhilwara district was called Jagir village of Uparmal, the founder of this Jagir was Ashok Parmartha who went to fight on behalf of Rana Sanga in Khanwa war of 1527.

116. Answer: d

Explanation:

The correct answer is Dholpur.

★ Key Points

- Jaisalmer district is the largest while **Dholpur is the smallest** district in terms of area.
- The area of Dholpur is 3084 sq km .

★ Important Points

- **Rajasthan** is the largest state of India in terms of area.
- Rajasthan state occupies 10.4% of the geographical area of India.
- Rajasthan is bordered by 5 other Indian states – **Gujarat to the southwest, Uttar Pradesh and Haryana to the northeast, Punjab to the north, and Madhya Pradesh to the southeast** .

- The Tropic of Cancer passes through the southernmost tip of Rajasthan.
 - The Great Indian Desert i.e. Thar Desert is located in Rajasthan.
 - Rajasthan shares borders with the Sindh and Punjab provinces of Pakistan.
-

117. Answer: c

Explanation:

The correct answer is Samod.

★ Key Points

- The largest saltwater lake in Rajasthan is **Sambhar Lake**.
 - This lake forms the boundary of three districts Jaipur, Ajmer and Nagaur.
 - Built by the Chauhan ruler Vasudev.
 - The water in this lake comes from five rivers **Samod, Mantha, Rupangarh, Khari and Khandela**.
 - The famous "Devayani" pilgrimage site is situated near Sambhar lake.

★ Important Points

- Presently the management of the Sambhar Salt Project is in the hands of "Hindustan Salt Limited".
 - A sodium sulphate plant has also been established here.
 - Flamingos (Flomigonges) come here in large numbers in winter.
-

118. Answer: d

Explanation:

Option 4 is NOT correct.

★ Key Points

- **Chambal** river originates from Madhya Pradesh Janapav (Vindhyachal mountain) hill in the north near 'Mhow' town of Indore district of Madhya Pradesh.

- Chambal River is a perennial river.
- It enters the Chittorgarh district from near the historical fort of Chaurasigarh in Rajasthan.
- This river flows in three states – **Uttar Pradesh, Madhya Pradesh and Rajasthan** .
 - **Hence option 4 is incorrect.**
- It is a major tributary of the Yamuna which is 960 km long.
- It is located in central India, the river comprises a significant part of the Greater Ganga drainage system.
- It is the largest of the rivers flowing through the state of Rajasthan.

119. Answer: c

Explanation:

The correct answer is 2010.

★ Key Points

- **The Government of Rajasthan** established the Rajasthan State Biodiversity Board on **14th September 2010** .
 - The Government of Rajasthan framed the 'Rajasthan Biological Diversity Rules' in 2010.
 - The Rajasthan State Biodiversity Board was also established for the purpose of this act.
 - It was introduced to exercise the powers conferred by **Section 63 of the Biological Diversity Act, 2002** .
 - The Biological Diversity Act, 2002 aims to preserve biological diversity in India and provide a mechanism for equitable sharing of biological resources.

★ Additional Information

- The Convention was opened for signature at the Earth Summit in **Rio de Janeiro on 5 June 1992** and entered into force on 29 December 1993.

120. Answer: d

Explanation:

The correct answer is Large population of beautiful black deer is found in Tal Chhapar Sanctuary, Sujangarh, Churu district.

★ Key Points

- A large population of beautiful black deer is found in **Tal Chhapar Sanctuary, Sujangarh, Churu district.**
- Rajasthan has four tiger reserves at **Ranthambore Tiger Reserve** in Sawai Madhopur, **Sariska Tiger Reserve** in Alwar, **Mukundra Hills Tiger Reserve** in Kota, and **Ramgarh Vishdhari wildlife.**
- **Sariska Tiger Reserve** located in the Alwar district was given the status of a tiger reserve making it a part of India's Project Tiger in **1978.**
- **Ranthambore National Park** was established in 1955 as Sawai Madhopur Sports Sanctuary. It was declared one of the **Project Tiger Reserves in 1973 and became a National Park on 1 November 1980 .**

121. Answer: d

Explanation:

The correct answer is Second.

★ Key Points

- Madhya Pradesh is the largest producer of copper in India.
- As of 2021, **Rajasthan is the 2nd largest producer of copper in India.**
- India is a net importer of copper.

★ Additional Information

Copper Producing State	Percentage of Copper Production	Major Copper Mines
Madhya Pradesh	46 per cent	Balghat (Malanjkhand)
Rajasthan	33 per cent	Khetri (Jhunjhunu & Alwar)
Jharkhand	21 per cent	Singbhum

122. Answer: b

Explanation:

The correct answer is Manganese.

★ Key Points

- The deposits of Manganese metallic minerals in Rajasthan are mainly found in the Banswara district, where it is deposited in a belt extending over a distance of 22 km from Guria to Rathimuri.
 - Its small deposits are also located near the villages Negadia (Rajsamand), Chhoti-Sar, and Badi-Sar (Udaipur).
 - **Manganese:** Its major use is to harden steel in the iron-steel industry. Leelawana in Banswara and Kasra, Kalakhuta in Talwara are its mines.

★ Additional Information

- **Tungsten:** Mostly in Degana (Rewat hill, Nagaur). Also Nanakararabao (Pali).
- At present, the highest exit is in Walda (Sirohi). Used in electric bulbs.
- **Gold:** There are deposits in Anandpur Bhukia (Banswara).
- **Iron:** Hematite is found in Jaipur- Morija-Banol, Dausa- Neemla-Raisela, Udaipur- Thur-Hunder and Nathra ki Pal.

123. Answer: c

Explanation:

The correct answer is 75.10.

★ Key Points

- As per the 2011 census, the Rural and Urban Population of Rajasthan
 - Rural Population: 5,15,00,352 (75.1%)
 - Urban Population: 1,70,48,085 (24.9%)
- Largest rural population
 - In Number – Jaipur (31.54 Lakh)
 - In Percentage – Dungarpur (93.6%)
- Minimum Rural Population
 - In Number – 5.80 Lakh (Jaisalmer)
 - In Percentage – Kota (39.7%)

★ Additional Information

- According to the 2011 census, there are a total of 3,55,50,997 males and 3,29,97,440 females in Rajasthan i.e. 928 females per thousand males.

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124. Answer: c

Explanation:

The correct answer is District with lowest literacy rate – Jalore.

★ Key Points

- As per the Census 2011 of Rajasthan.
 - Most Populous District – Jaipur
 - Least Population District – Jaisalmer
 - Highest Literacy Districts
 - Kota – 76.6%

- Jaipur – 75.5%
- **Districts with Minimum Literacy**
 - Jalore – 54.9%
 - Sirohi – 55.3%

★ Additional Information

- **Districts with highest sex ratio in 0–6 age group**
 - Banswara (934)
 - Pratapgarh (933)
 - Bhilwara (928)
 - Udaipur (924)
- **Districts with a minimum sex ratio in 0–6 age group**
 - Jhunjhunu (837)
 - Sikar (848)
 - Karauli (852)
 - Sriganganagar (854)

125. **Answer: a**

Explanation:

The correct answer is ST Population – 13.5% of the total population.

★ Key Points

- Total population of scheduled castes – 12,221,593 (17.8 percent of total population)
 - Rural – 9,536,963 (18.5 percent)
 - Urban – 2,684,630 (15.7 percent)
- **Total population of Scheduled Tribes – 9,238,534 (13.5 percent of total population)**
 - Rural – 8,693,123 (16.9 percent)
 - Urban – 545,411 (3.2 percent)

★ Additional Information

- According to the 2011 census:
 - The population of Rajasthan state is 68,548,437.
 - The population density of Rajasthan is 200.
 - The district with the highest population density is Jaipur (595 persons per sq. km.)
 - The district with the lowest population density - is Jaisalmer (17 persons per sq. km.)
 - Jaisalmer district of Rajasthan has the lowest population.
-

126. Answer: b

Explanation:

The correct answer is 1998.

★ Key Points

- **Fourth Industrial Policy of Rajasthan-**
 - The fourth Industrial Policy was implemented in Rajasthan on **4 June 1998**.
 - The Fourth Industrial Policy was implemented during the tenure of Rajasthan Chief Minister Bhairon Singh Shekhawat.

★ Important Points

- **Rajasthan Industries Department-**
 - Establishment- 1949
 - Headquarters- Jaipur
 - **Sixth Industrial Policy of Rajasthan-**
 - The Sixth Industrial Policy was implemented in Rajasthan on 8 August 2015.
 - The Sixth Industrial Policy was implemented during the tenure of Rajasthan Chief Minister Vasundhara Raje.
 - Presently the Sixth Industrial Policy is going on in Rajasthan.
-

127. Answer: c

Explanation:

The correct answer is Ensuring good governance and fiscal reforms and building economic infrastructure.

★ Key Points

- The guiding factor during the Eleventh Plan period (2007–2012) was **to ensure good governance and fiscal reforms and to build economic infrastructure**.

★ Important Points

- **Eleventh Plan (2007–2012):**
 - It was in the period of Manmohan Singh as the prime minister.
 - It aimed to increase the enrolment in higher education of 18–23 years of age group by 2011–12.
 - It focused on distant education, the convergence of formal, non-formal, distant, and IT education institutions.
 - Rapid and inclusive growth (poverty reduction).
 - Emphasis on the social sector and delivery of service therein.
 - Empowerment through education and skill development.
 - Reduction of gender inequality.
 - Environmental sustainability.
 - It aimed to increase the growth rate in agriculture, industry, and services to 4%, 10%, and 9% respectively.
 - Reduce the total fertility rate to 2.1.
 - Provide clean drinking water for all by 2009.
 - Increase agriculture growth to 4%.

128. Answer: d

Explanation:

The correct answer is Water Harvesting Structure – 74271.

★ Key Points

- The combined surface water availability in Rajasthan is 43.26 BCM.
 - The surface water available within the state limits is 25.38 BCM and the water allocated from various inter-state treaties is 17.88 BCM.
 - The total availability of surface water is 1.16% of the national resources.

The present status of the Water Resources Department is as follows:

Source	Number	Capacity (million cubic meters)
Major Tank	24	6296.48
Medium tank	84	2133.34
Minor tank	3331	3455.38
Water Harvesting Structure	74271	2942.29
Total	77710	14827.49

129. Answer: d

Explanation:

The correct answer is Jaipur.

★ Key Points

- Agro Food Parks – (Kota, Boranada (Jodhpur), Sri Ganganagar and Alwar)
- Agro Food Parks is a scheme of Ministry of Food Processing, Government of India.

- The scheme provides for funding of common infrastructure facilities like water facility, power supply.

★ Additional Information

- The following are the specific industrial parks developed by RIICO in different regions:
 - First EPIP (Export Promotion Industrial Park), Sitapura, Jaipur (1997).
 - Second Boranada (Jodhpur)
 - Third Neemrana (Alwar) are being established in 2004.
 - Sitapura Jaipur also has an Information Technology Park.
 - Software Technology Park, Kanakapura, Jaipur.
 - Hard Ware Technology Park, Kooks, Jaipur.
 - Gems & Gold Jewellery Complex, EPIP Sitapura, Jaipur.

130. Answer: a

Explanation:

The correct answer is Rs. 10,000.

★ Key Points

- Under the cooperation scheme, B.P.L. An assistance of Rs 10,000 will be provided on the marriage of girls aged 18 years or more belonging to all sections of the family.

★ Additional Information

- Sahyog scheme:
 - In compliance with the budget announcement **year 2008-09, by expanding the scheme**, this scheme has been extended to the BPL of all classes. operated for families.
 - **BPL** of all classes, **a provision of Rs 10,000** has been made under the scheme for the marriage of a girl child of 21 years of age and above.
 - **SC BPL**: On the marriage of the girl child between the age of 18 to 21 years of the families, Rs 5000 will continue to be provided as before.

131. Answer: a

Explanation:

The correct answer is About 13.47% of the total population of the state.

★ Key Points

- Rajasthan is home to various tribal and nomadic populations, with tribals constituting about **13.47 percent of the state's population (Census 2011)**.
 - Rajasthan ranks **sixth** in India in terms of tribal population (Madhya Pradesh has first place).
 - Among the districts of Rajasthan, Udaipur has the highest number of tribal people, while Bikaner has the least.
 - The district-wise distribution of the tribal population shows that they have the highest concentration in **Banswara district (72.3 percent), followed by Dungarpur and Udaipur districts at 65.1 percent and 47.9 percent, respectively.**
 - Before **Nagaur (0.2%), Bikaner (0.4%)** has the lowest share of the tribal population in the total population.

132. Answer: c

Explanation:

The correct answer is For shelter and rehabilitation of women in distress.

★ Key Points

- Swayamsiddha is the flagship program of the Ministry of Women & Child Development for the holistic empowerment of women.
 - Swayamsiddha Yojana launched by the Ministry of Women and Child Development, Government of India is another remarkable work of the Central Government in achieving women's empowerment.

- Special emphasis is given to self-help groups (SHGs) under the scheme, and even the axiom means helping oneself.
- The main objective of the scheme is to bring women into the mainstream by educating them.

133. Answer: d

Explanation:

The correct answer is Sardar Vallabh Bhai Patel.

★ Key Points

- **Fourth Phase – Greater Rajasthan March 30, 1949**
 - Greater Rajasthan – United Rajasthan + Jaipur + Jodhpur + Jaisalmer + Bikaner + Lava base – 14 princely states + 2 bases
 - Capital– **Jaipur**
 - On the recommendation of the Shri P. Satyanarayana Rao Committee.
 - Maharaj Pramukh – **Bhopal Singh**
 - Rajpramukh – **Man Singh II (Jaipur)**
 - Vice President – Bhim Singh
 - Prime Minister– Hiralal Shastri
 - **In this phase, 5 departments were established which are as follows.**
 - 1 Department of Education– Bikaner
 - 2 Department of Justice– Jodhpur
 - 3 Forest Department– Kota
 - 4 Agriculture Department– Bharatpur
 - 5 Mineral Department– Udaipur
 - **Inaugurated by – Sardar Vallabhbhai Patel**

134. Answer: b

Explanation:

The correct answer is Justice K.K. Sharma – Bharatpur.

★ Key Points

- **Hon'ble Chief Justice Kamala Kant Verma** and 11 other judges were administered the oath of office by Maharaja Sawai Man Singh of Jaipur at the Jodhpur High Court premises.
- These 11 judges virtually represented most of the princely states, except for the honorable Chief Justice Kamla Kant Verma, who came from Allahabad.
 - Hon'ble Mr. Justice Naval Kishore and Hon'ble Mr. Justice Amer Singh of Jasol were from Jodhpur,
 - Hon'ble Mr. Justice K.L. Bapna and Hon'ble Mr. Justice Ibrahim were from Jaipur,
 - Hon'ble Mr. Justice J.S. Ranawat and Hon'ble Mr. Justice Shardul Singh Mehta were from Udaipur,
 - Hon'ble Mr. Justice DS Dave was from Bundi,
 - **Hon'ble Mr. Justice Tirlochan Dutt was from Bikaner,**
 - **Hon'ble Mr. Justice Anand Narain Kaul** was from **Alwar,**
 - **Hon'ble Mr. Justice K.K. Sharma** was from **Bharatpur,**
 - **Hon'ble Mr. Justice Khem Chand Gupta** was from **Kota.**

★ Important Points

- The principal seat of the High Court was kept at Jodhpur and The bench is at Jaipur.

135. **Answer: c**

Explanation:

The correct answer is He was a member of the 9th Lok Sabha from 1989 to 1991.

★ Key Points

- **Gulab Chand Kataria** is an Indian politician from the Bharatiya Janata Party.
 - He is the former Home Minister of the Rajasthan Government.

- He is one of the senior BJP leaders in Rajasthan and a member of the party's Central Working Committee.
- **1989 – 1991 Member, 9th Lok Sabha.** He is a resident of Udaipur and has been a member of the 9th Lok Sabha from there.
- In the past, he has been the Minister of Rural Development and Panchayati Raj in the Government of Rajasthan.
- **24/08/2002 to 04/12/2003 – Leader of the Opposition, Rajasthan Legislative Assembly.**
- **1977 – 1980 – Vice President and General Secretary, Janata Yuva Morcha.**

136. Answer: c

Explanation:

The correct answer is Justice Gopal Krishna Vyas.

★ Key Points

- In January 2021, Justice Gopal Krishna Vyas, former judge of the Rajasthan High Court, has been appointed as the chairman of the State Human Rights Commission.
 - Additionally, former IPS officer Mahesh Goyal has been appointed as a member of the commission.
 - The post of the chairman of the commission fell vacant after Justice Prakash Tatia resigned from the post in November 2019.

★ Important Points

- **The National Human Rights Commission (NHRC) of India** was established on 12 October, 1993.
 - The statute under which it is established is the Protection of Human Rights Act (PHRA), 1993 as amended by the Protection of Human Rights (Amendment) Act, 2006.
- **The Rajasthan State Human Rights Commission** is a state government body constituted on **18 January 1999** to exercise the powers conferred and to perform

the functions assigned to the State Human Rights Commission under Chapter V of the Protection of Human Rights Act, 1993.

137. Answer: c

Explanation:

The correct answer is Third Election: 1978.

★ Key Points

- Elections to Panchayati Raj Institutions (P.R.Is) are being held in Rajasthan since 1960.
 - The first election was conducted in 1960 by the Panchayat Department.
 - Thereafter, the 2nd, 3rd, 4th and 5th elections in the years 1965, 1978, 1981 and 1988 were conducted by the Election Department.
 - The 6th, 7th, 8th, 9th and 10th general elections to the PRIs were conducted by the SEC in 1995, 2000, 2005, 2010 and 2015.
 - The 11th general election of 21 Districts have been conducted by the SEC in September - October, 2020.

★ Additional Information

- The State Election Commission (SEC), Rajasthan was constituted in July 1994 under Article 243K of the Constitution of India. SEC is a single member commission headed by the State Election Commissioner.
 - It consists of a Secretary who is also the Chief Electoral Officer of the State.
 - The commission discharges its constitutional duties through preparation of electoral rolls and conduct of elections to Panchayati Raj Institutions as well as Municipal bodies.

138. Answer: c

Explanation:

The correct answer is Jaipur.

★ Key Points

- **Amber/Amer Palace is located in Jaipur.**
 - The city of Amer and the fort of Amer were originally built by Raja Man Singh and later, were added by Sawai Jai Singh.
 - At the 37th session of the World Heritage Committee held in Phnom Penh, Cambodia in 2013, **Amer Fort along with five other forts of Rajasthan has declared a UNESCO World Heritage Site** as part of the Rajasthan Hill Fort Group.

★ Important Points

- **Jaipur** has become the second city in the country after Ahmedabad to be recognized as a UNESCO World Heritage Site.
- The walled city of Jaipur in Rajasthan was established in 1727 AD under the patronage of Sawai Jai Singh II.
 - It also serves as the capital of the state of Rajasthan.

139. Answer: a

Explanation:

The correct answer is About 1300 feet.

★ Key Points

- **Taragarh Fort stands at a height of about 1300 feet above the ground level of the city.**
 - It was built before 1113 AD by the city's founding ruler, Ajayapala of the Chauhan dynasty.
 - Prithviraj Chauhan was the last Hindu ruler of the fort.
 - After his defeat, **Kutub ud-din Aibak belonging to army of Mohammad Gauri** occupied this fort.
 - Taragarh is also known as Miran Saheb Ki Dargah. Miran Sayyed Mashhadi was the governor of the fort, who laid his life in the encounter.

- It commands a panoramic view of the city situated in **Nag Pahari of Aravalli ranges**.

140. Answer: c

Explanation:

The correct answer is Gagron Fort.

★ Key Points

- **Gagron Fort:**
 - It is located in the Jhalawar district of Rajasthan
 - **It is also called a water fort.**
 - The fort was built by Bijaldev Singh Dod in the 12th century.
 - It has been constructed at the confluence of the Ahu river and Kali Sindh river.
 - It was designated as a UNESCO World Heritage Site in 2013 as part of the Hill Forts in Rajasthan.

★ Additional Information

- **Other famous forts of Rajasthan:**
 - Amber Fort and Palace, Jaipur
 - Jaigarh Fort, Jaipur
 - Mandawa Fort, Shekhawati
 - Laxmangarh Fort, Shekhawati
 - Lohagad Fort, Bharatpur
 - Ranthambore Fort, Sawai Madhopur
 - Taragarh Fort, Bundi
 - Vinay Vilas Palace, Alwari
 - Junagarh Fort, Bikaner
 - Jaisalmer Fort or Sonar Fort, Jaisalmer

141. Answer: b

Explanation:

The correct answer is Salasar Balaji Temple – Churu District.

★ Key Points

- Salasar Balaji Temple is a religious place for devotees of the Hindu god Hanuman.
 - It is located in Salasar city of Churu district in Rajasthan, India. Big fairs are organized every year in the month of Chaitra and Ashwin.
 - Hanuman Mandir is situated right in the middle of Salasar city.

★ Additional Information

- Galtaji Temple is located in the Jaipur district of Rajasthan.
 - It is an ancient Hindu pilgrimage site in the town of Khania-Balaji, about 10 km away from Jaipur city.
 - The temple is dedicated to Lord Hanuman.
- Eklingji is a Hindu temple complex in the Udaipur district of Rajasthan in western India.
 - Eklingji is considered the ruling deity of the princely state of Mewar and the ruler Maharana rules as his Diwan.
- Mehandipur Balaji Temple is a famous Hindu temple in the Dausa district of Rajasthan, dedicated to the Hindu god Hanuman.

142. Answer: a

Explanation:

The correct answer is Jaipur.

★ Key Points

- Blue pottery is widely recognized as a traditional craft of Jaipur, although it is Turko-Persian in origin.

- The name 'Blue Pottery' comes from the attractive blue dye used to color the pottery.
- The Persian art of blue pottery came to Jaipur from Persia and Afghanistan through the Mughal courts.
- Blue pottery is made from quartz and not clay.

★ Additional Information

- **Handicraft in Rajasthan**
 - Thewa Art – Pratapgarh
 - Kundan Art – Jaipur
 - Koftgiri – Jaipur, Alwar.
 - Tehrishan – Alwar, Udaipur

143. **Answer: b**

Explanation:

The correct answer is "Kavad Banchana (Recitation)".

★ Key Points:

- About Kavad Banchana (Recitation):
 - It is a traditional form of **Oral Storytelling**.
 - It is about **400 years old**.
 - Kavad means "**Half a door**" or "**Panel of a door**".
 - Banchana means "**to show /read and narrate**".
 - In this, stories from the epics Mahabharata & Ramayana, from the Puranas, and folk tales are told with the help of a Kavad.
 - **Kavad** is a **portable, brightly painted wooden box** with multiple wooden panels hinged together.
 - The **Suthar community** of Bassi village near Chittor is the **only Kavad makers in the county**.
 - The **Kaavadiya Bhats** are the **wandering storytellers** of the Kavad tradition.

144. Answer: b

Explanation:

The correct answer is Applique.

★ Key Points

- Appliqué is decorative needlework in which pieces or patches of fabric in various shapes and patterns are sewn or affixed to a larger piece to form a picture or pattern.
 - It is commonly used as decoration, especially on clothing.
 - The technique is accomplished either by hand sewing or by machine.

★ Additional Information

- **Zardozi** work is a type of embroidery, which is popular in India and Pakistan.
 - It prospered further under the Mughal emperor Akbar but later declined due to a lack of royal patronage and industrialization.
- **Kacho Fugetsu: Natural Beauty in Japanese Art**, an exhibition dedicated to images of nature at the Scholten Gallery.
- **Aari artwork** is popular for its fine and delicate threadwork. Aari work enhances the essence of hand embroidery.

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145. Answer: c

Explanation:

The correct answer is Purnima of Baneshwar Fair.

★ Key Points

- Baneshwar Fair is the biggest tribal fair held at Baneshwar at the confluence of Mahi, Som, and Jhakhm, which are believed to be holy rivers of the region.
 - They worship, sing and dance on Magh Purnima, sometime in the month of February, which is considered to be a holy period in this region.

- It starts in **Magh Shukla Gyaras and Magh Krishna Panchami** (the peak period of this fair is **Magh Purnima**).

★ Additional Information

- **The Bhil tribe** is one of the largest tribal groups living in Chhattisgarh, Gujarat, Karnataka, Madhya Pradesh, Maharashtra, Andhra Pradesh, and Rajasthan.
 - The name is derived from the word 'billu', which means **bow**.
 - The woman was wearing heavy jewelry made of silver, brass with beads, and silver coins and earrings.

146. Answer: d

Explanation:

The correct answer is Kachhi Ghodi.

★ Key Points

- **Kachhi Ghodi** is a folk song style that tells the tales of local bandits.
 - This dance was first performed in the **Shekhawati region of Rajasthan and was performed by men wearing dhoti kurta and turban**.
 - Artists sit inside a puppet horse and dance at weddings and other public functions.

★ Additional Information

Tribal Folk Dance of Rajasthan:

Bhil	Garasiya	Kalbelia
Gair	Walar	Shankariya
Gavri	Maandal	Bagadiya
Haathimana	Loor	Chakri
Dwichakri	Jawaara	Indoni
Neja	Moriya	Panihari

147. Answer: c

Explanation:

The correct answer is Sant Basaveshwar.

★ Key Points

- **Saint Basaveshwara** was born in 1131 AD in a Brahmin family at Bagewadi in the united Bijapur district of **Karnataka**.

★ Additional Information

- **Charan Das Ji** was born in 250 AD in Dehra village of the Alwar district of Rajasthan.
- **Saint Pipa** was one of the main saints of the Bhakti movement in medieval Rajasthan.
 - He had become a devotee of Goddess Durga.
 - In later times, he accepted Ramanand ji as his guru.
- **Saint Mavaji** - in a Brahmin family in Saint Sabla (Dungarpur) of Vagad region.
 - The promoter of the Nishkalanki sect.
 - Mavaji's temple and Peeth are in Sabla village on the banks of the Mahi river.

148. Answer: c

Explanation:

The correct answer is Dhundhari.

★ Key Points

- The language is spoken in the eastern regions of Jaipur, Kishangarh, Tonk, Lava and Ajmer-Merwara except in North Jaipur is called **Dhundhari**.
 - The influence of Gajrati, Marwari and Brajbhasha is equally found on this.
 - Major dialects of Dhundari – **Torawati, Rajawati, Chaurasi (Shahpura), Nagerchol, Kishangarhi, Ajmer, Kathedi, Hadoti**.
 - **The southern part of Jhunjhunu district, the eastern and south-eastern part of Sikar district** and some northern part of Jaipur district are called **Torawati**.

★ Additional Information

- **Dr. Grierson has considered five dialects of Rajasthani-**
 - (1) Western Rajasthani (Marwari),
 - (2) North Eastern Rajasthani (Mewati Ahirwati),
 - (3) Middle Eastern (or Eastern) Rajasthani (Dhundhadi Hadoti),
 - (4) South-East Rajasthani (Malvi),
 - (5) Southern Rajasthani (Nimari).

149. Answer: b

Explanation:

The correct answer is Suryamal Misran.

★ Key Points

- *"Kant ghare kim aawiya, tehan rau ghan tras."*

- *Lehenge mujh lukijiye, bairi rau na visaas II*"
- The above couplet was written by Suryamal Misran.

★ Important Points

- **Suryamal Misran** was a famous court poet of the Hada ruler of Rajasthan, Maharao Ram Singh.
 - His most famous composition is '**Vansh Bhaskar**', which contains the history of the Chauhan rulers of Bundi.
 - Other texts composed by him are '**Veer Satsai**', '**Balwant Vilas**' and '**Chhand Mayukh**'.
 - This poet of Veer Rasa is called Rasavatar.
 - In the first couplet of his unique book 'Veer Satsai', he appeared to be playing the trumpet against English slavery.

150. Answer: c

Explanation:

The correct answer is

The exercise was conducted in three phases.

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Key Points

- The 16th edition of the Indo-US joint military exercise '**Yudh Abhyas**' was held in Rajasthan between February 8-21, 2021.
 - The exercise aims at enhancing cooperation and interoperability between the two armies and will focus on counter-terrorism operations under the United Nations mandate.
 - The 11th Battalion of Jammu and Kashmir Rifles, part of the South Western Command will represent the Indian Army.
 - The bilateral training exercise will be conducted at the Foreign Training Node at Mahajan Field Firing Ranges.

★ Additional Information

- **Yudh Abhyas XV 2019 United States** – Joint Base Lewis-McChord, Washington
- **Yudh Abhyas XVI 2021 India** – Mahajan Field Firing Range, Rajasthan
- **Yudh Abhyas XVII 2021 USA** – Joint Base Elmendorf Richardson, Alaska

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