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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



BPS



UPTET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

SSC GD Constable 2022 (English) Prev. Year Paper (16-Jan-2023) (Shift 4)

Total Time: 1 Hour

Total Marks: 160

Instructions

Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	General Intelligence and Reasoning	20	40	0.5	2
2	General Knowledge and General Awareness	20	40	0.5	2
3	Elementary Mathematics	20	40	0.5	2
4	English	20	40	0.5	2

- 1.) A total of 60 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.

General Intelligence and Reasoning

1. Select the number from among the given options that can replace the question mark (?) in the following series. (+2, -0.5)

784, 568, 443, ?, 352

- a. 382
- b. 361
- c. 427
- d. 379

-
2. X and Z are sisters. Y is the brother of Z. S is the daughter of Z. T is the brother of S. T is married to U. How is Y related to S? (+2, -0.5)

- a. Father
- b. Mother's brother
- c. Brother
- d. Mother's father

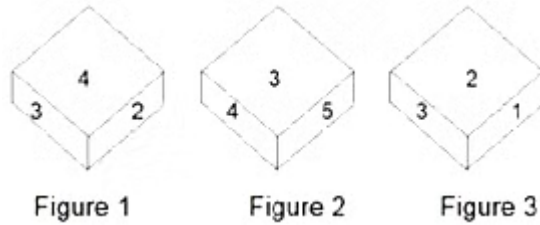
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3. Which of the following numbers will replace the question mark (?) in the given series? (+2, -0.5)

8, 17, 36, ?, 154

- a. 57
- b. 86

- c. 46
- d. 75

4. Three different positions of the same dice are shown. Find the number on the face opposite the face showing '3'. (+2, -0.5)



- a. 4
- b. 2
- c. 5
- d. 6



5. Select the correct mirror image of the given figure when the mirror is placed at MN as shown below. (+2, -0.5)



- a. YmoNoRTs
- b. YmoNo1T2s
- c. YmoNoRT2s

d. YmoNoЯt2s

6. Which option represents the correct order of the given words as they would appear in the English dictionary? (+2, -0.5)

1 dream

2 drown

3 drone

4 dropped

5 drama

a. 5, 2, 3, 1, 4

b. 5, 3, 1, 4, 2

c. 5, 4, 3, 1, 2

d. 5, 1, 3, 4, 2

7. Which of the following letter-clusters will replace the question mark (?) in the given series? (+2, -0.5)

YSEA, WQGC, UOIE, ?, QKMI

a. SMLH

b. RMLG

c. SMKG

d. RMLH

8. Three statements are given followed by two conclusions. Assuming the statements to be true, even if they seem to be at variance with commonly known facts, decide which of the conclusions logically follow(s) from the statements. (+2, -0.5)

Statements:

Some trains are buses.

No bus is a car.

Some cars are bikes.

Conclusions:

1. Some bikes are cars.
 2. Some bikes are trains.
- a. Neither conclusion 1 nor 2 follows.
 - b. Only conclusion 2 follows.
 - c. Both conclusions 1 and 2 follow.
 - d. Only conclusion 1 follows.

-
9. Which two numbers (not digits), from the given options, should be interchanged to make the given equation correct? (+2, -0.5)

$$158 - 64 \times 6 \div 2 = 4 \times 15 \div 3$$

- a. 15 and 158
- b. 64 and 6
- c. 64 and 4

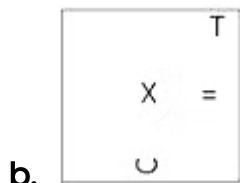
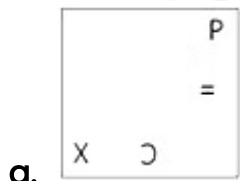
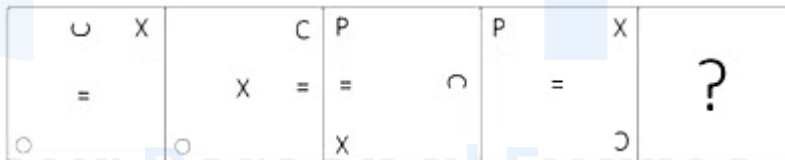
d. 6 and 4

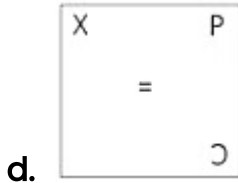
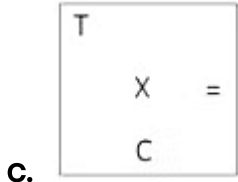
10. Which letter-cluster will replace the question mark (?) to complete the given series? (+2, -0.5)

ABDG, DEGJ, ?, JKMP, MNPS

- a. FHIK
- b. GHKM
- c. GHJM
- d. FGIL

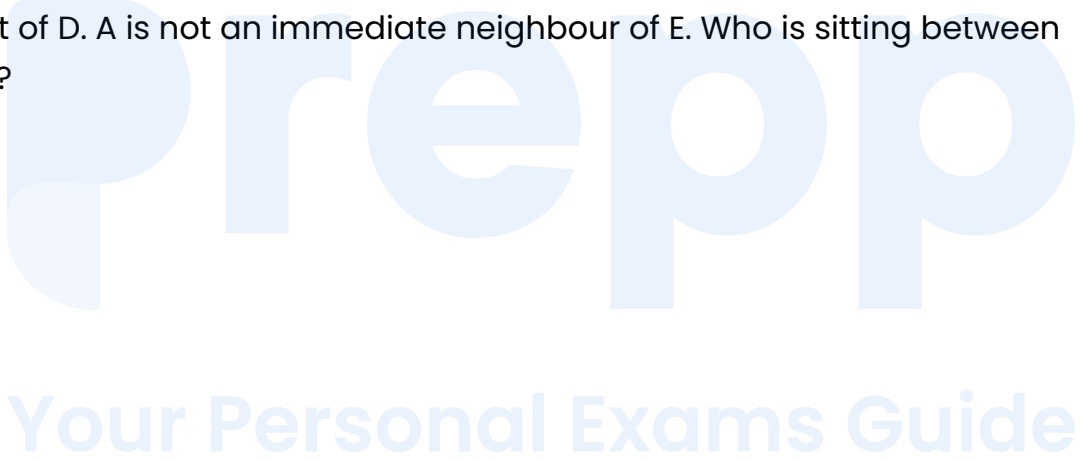
11. Which figure should replace the question mark (?) if the series were to be continued? (+2, -0.5)





12. Six students are sitting around a circular table facing the centre. F is an immediate neighbour of A. D sits second to the right of E. B is an immediate neighbour of E and sits second to the right of C. F sits second to the right of D. A is not an immediate neighbour of E. Who is sitting between D and E? (+2, -0.5)

- a. C
- b. F
- c. B
- d. A



13. Five people A, B, C, D, and E are sitting in a straight row facing the North. A is sitting to the immediate left of C. Only C is sitting between A and E. B is sitting to the right of E. D is sitting to the right of B. Who is sitting at the extreme left of the row? (+2, -0.5)

- a. D
- b. C
- c. A

d. B

14. Which two signs should be interchanged to make the below equation mathematically correct? (+2, -0.5)

$$72 - 36 \times 4 \div 6 + 24 = 42$$

- a. \div and \times
 - b. $+$ and $-$
 - c. $\text{and } \div$
 - d. \times and $+$
-
15. Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must not be related to each other based on the number of letters/number of consonants/vowels in the word.) (+2, -0.5)

Resistance : Ohm :: Energy : ?

- a. Volt
 - b. Strength
 - c. Watt
 - d. Joule
-
16. Select the option that is related to the fifth letter-cluster in the same way as the second letter-cluster is related to the first letter-cluster and the fourth letter-cluster is related to the third letter-cluster. (+2, -0.5)

LEAP : KFZQ :: CLOS : BMNT :: EJOT : ?

- a. KCNS
- b. DKNU
- c. KDZO
- d. DKNS

17. In a certain code language, 'STORK' is written as 'URROO' and 'ASHES' is written as 'CQKBW'. How will 'BUNKE' be written in that language? (+2, -0.5)

- a. DRPGI
- b. DSPHG
- c. DSQGI
- d. DSQHI

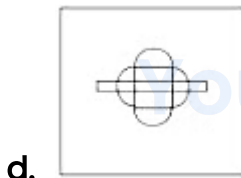
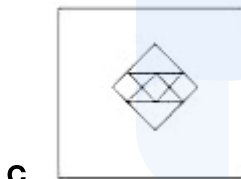
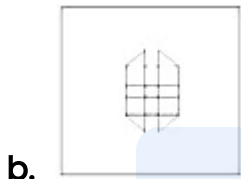
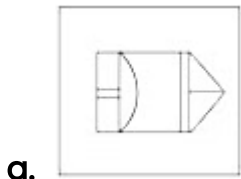
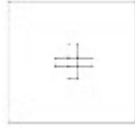
18. Select the option that is related to the fifth number in the same way as the second number is related to the first number and the fourth number is related to the third number. (+2, -0.5)

46 : 11 :: 30 : 7 :: 50 : ?

- a. 8
- b. 13
- c. 12
- d. 9

19. Select the option figure in which the question figure is embedded (Rotation is not allowed).

(+2, -0.5)



20. In a code language, 'LEAF' is written as 'EZDK' and 'PLANT' is written as 'SMZKO', how will 'FLOWER' be written in that language?

(+2, -0.5)

- a. QDVNKD
- b. QDVNKE
- c. QDWNKE

d. EDVNKE

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General Knowledge and General Awareness

21. In India, Inter-religion marriages are performed under this Act: (+2, -0.5)
- a. Indian Succession Act
 - b. Hindu Marriage and Adoption Act
 - c. Civil Procedure Code
 - d. Special Marriage Act
-

22. The green revolution in India started in the late 1960s in _____. (+2, -0.5)
- a. Maharashtra
 - b. Punjab
 - c. Uttarakhand
 - d. Andhra Pradesh
-

23. What are the industrially developed urban centers usually surrounded by? (+2, -0.5)
- a. agricultural urban hinterland
 - b. agricultural rural hinterland
 - c. Costal hinterland
 - d. seaport hinterland
-

24. What is the term used for people who regularly move in and out of poverty line? (+2, -0.5)

- a. Occasionally poor
 - b. Usually Poor
 - c. Chronic poor
 - d. Churning poor
-

25. The _____ allocates ranks and portfolios to the ministers in the states. (+2, -0.5)

- a. speaker
 - b. governor
 - c. chief minister
 - d. head of the political party
-

26. Identify a dwarf planet from the following list. (+2, -0.5)

- a. Neptune
 - b. Mercury
 - c. Mars
 - d. Pluto
-

27. _____ Fundamental duties are listed in Article _____ of Part IV A of the Indian Constitution. (+2, -0.5)

- a. 11; 51A

- b. 11; 52A
 - c. 13; 52A
 - d. 13; 51A
-

28. 2020 Summer Paralympics was hosted by _____ . (+2, -0.5)

- a. Korea
 - b. Russia
 - c. Japan
 - d. France
-

29. The term "LBW" Is related to which sport? (+2, -0.5)

- a. Cricket
 - b. Volleyball
 - c. Football
 - d. Badminton
-

30. The person or entity writing the cheque is known as the payer or _____ . (+2, -0.5)

- a. drawee
- b. producer
- c. drawer

d. seller

31. Sher Khan defeated Humayun at Chausa in _____. (+2, -0.5)

a. 1539

b. 1537

c. 1541

d. 1545

32. Which of the following was a provincial capital under the rule of Ashoka? (+2, -0.5)

I. Taxila

II. Ujjain

a. Neither I nor II

b. Only II

c. Both I and II

d. Only I

33. Who has been appointed as the 16th Attorney General of India in September 2022? (+2, -0.5)

a. Mukul Rohatgi

b. Goolam Essaji Vahanvati

c. R Venkataramani

d. Kotayan Katankot Venugopal

34. Who was the Presidential candidate of India by opposition parties in June 2022? (+2, -0.5)

a. Sonia Gandhi

b. Jairam Ramesh

c. Yashwant Sinha

d. Draupadi Murmu

35. Which of the following organization governs the international trade? (+2, -0.5)

a. International Labor Organization

b. United Nations Educational, Scientific and Cultural Organization

c. Securities and Exchange Board of India

d. World Trade Organization

36. A specific place of an organism in the food chain is called as _____. (+2, -0.5)

a. standing crop

b. biomass

c. consumer

d. trophic level

37. _____ is the chemical formula of ethanoic Acid. (+2, -0.5)

- a. CH_2COOH
 - b. CH_2OH
 - c. CH_3COOH
 - d. CH_3OH
-

38. Makar Sankranti marks the beginning of 'Uttarayana' and is celebrated on _____ (+2, -0.5)

- a. 20th January
 - b. 16th March
 - c. 14th January
 - d. 15th February
-

39. Which of the following dance types is NOT associated with Jharkhand? (+2, -0.5)

- a. Agni
 - b. Phagua
 - c. Mardana Jhumar
 - d. Lavani
-

40. Which among the following Indian Classical Dancer has been awarded Sangeet Natak Akademi Fellow (Akademi Ratna)? (+2, -0.5)

- a. Tankeswar Hazarika Borbayan
- b. Sarodi Saikia
- c. Sonal Mansingh
- d. Jogen Dutta Bayan

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Elementary Mathematics

41. The ratio of the weight of Ram, Shyam and Mohan is 7 : 8 : 5 respectively. (+2, -0.5)
The average weight of Ram, Shyam and Mohan is 80 kg. What is the average weight of Ram and Shyam?
- a. 95 kg
 - b. 80 kg
 - c. 90 kg
 - d. 85 kg
-
42. In a 500 m race, P runs at 2 kmph. P gives Q a head start of 20 m and still (+2, -0.5)
beats him by 60 seconds. Find the speed of Q.
- a. 1.6 kmph
 - b. 1.8 kmph
 - c. 1.9 kmph
 - d. 1.5 kmph
-
43. A batsman scored 96 runs which included 2 boundaries and 6 sixes. What (+2, -0.5)
percent of his total score did he make by running between the wickets?
- a. 52.68 percent
 - b. 54.16 percent
 - c. 64.18 percent
 - d. 72.16 percent

44. The cost of painting a solid cone at 30 paise per cm^2 is ₹1056. Find the radius of the cone if its slant height is 36 cm. (Use $\pi = \frac{22}{7}$) (+2, -0.5)

- a. 50 cm
- b. 40 cm
- c. 30 cm
- d. 20 cm

45. Manoj invests Rs.57,695, which is 11% of his annual income, in mutual funds. What is his monthly income? (Rounded up to 2 decimal places) (+2, -0.5)

- a. Rs. 43,708.33
- b. Rs. 63,441.99
- c. Rs. 77,266.54
- d. Rs. 54,329.89

46. Find the value of $60 \div 5 \times \left(\frac{9}{8} \text{ of } \frac{4}{3} \div \frac{3}{4} \text{ of } \frac{2}{3}\right)$. (+2, -0.5)

- a. 48
 - b. 24
 - c. 12
 - d. 36
-

47. If 9 persons can do a job in 18 days, then 18 persons with twice the efficiency can do the same job in: (+2, -0.5)

a. $\frac{9}{2}$ days

b. $\frac{5}{2}$ days

c. $\frac{11}{2}$ days

d. $\frac{7}{2}$ days

48. A sphere of radius 6 m is cut into two equal halves. Find the volume of each hemisphere so formed. (Use $\pi = \frac{22}{7}$) (+2, -0.5)

a. 331.14 m³

b. 452.57 m³

c. 562.18 m³

d. 531.11 m³

49. The marked price of a toy is Rs.1,600. If the shopkeeper declares a discount of 10% and then 10% cash discount, then what is the selling price of the toy? (+2, -0.5)

a. Rs.1,096

b. Rs.1,296

c. Rs.1,240

d. Rs.1,088

50. The valuation of a house depreciates at the rate of 10% in a year, compared to its value at the beginning of that year. If the current value of the house is ₹40,00,000, then what will be the value of house after three years? (+2, -0.5)
- a. ₹29,16,000
 - b. ₹28,00,000
 - c. ₹29,06,000
 - d. ₹29,26,000
-

51. Reeta says that she sells her goods at the cost price. If she uses 80 gram weight instead of 100 gram, then what is her profit percentage? (+2, -0.5)
- a. 10%
 - b. 25%
 - c. 15%
 - d. 20%
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52. Find the fourth proportional of s^3 , s^2t , and st^2 . (+2, -0.5)
- a. t^3
 - b. st
 - c. t^2
 - d. s^2t^2
-

53. Suman and Arun together can finish a piece of work in 96 days, Arun and Rahul in 48 days, and Rahul and Suman in 80 days, then Rahul, Suman, and Arun jointly can finish the same work in approximately how many days? (+2, -0.5)
- a. 55 days
 - b. 44 days
 - c. 54 days
 - d. 46 days
-

54. Regularly, a shop offers a 12% discount on the marked price. During festive seasons, it offers a successive discount of 10% and the owner still earns a profit of 5%. What would have been the profit in percentage if only 4% successive discount is offered with regular discount? (+2, -0.5)
- a. 11%
 - b. 12.5%
 - c. 11.5%
 - d. 12%
-

55. The average weight of 10 persons increases by 7.9 kg when a new person replaces one of them weighing 20 kg. What is the weight of the new person? (+2, -0.5)
- a. 170 kg
 - b. 86 kg

c. 99 kg

d. 72 kg

56. Anand can row 8 km/h in still water. It takes him thrice as long to row up as to row down the stream. Find the speed of the stream. (+2, -0.5)

a. 4 km/h

b. 3 km/h

c. 4.5 km/h

d. 3.5 km/h

57. What is the third proportional of $5x^2$ and $3xy$? (+2, -0.5)

a. $\frac{(9y^2)}{5}$

b. $\frac{(9x^2y^2)}{5}$

c. $\frac{(9xy)}{5x}$

d. $\frac{(9x^2)}{5}$

58. On a certain principal, the compound interest, compounded annually, for the second year at 20% per annum is Rs.1,300. The principal is (consider nearest integral value): (+2, -0.5)

a. Rs.5,600

b. Rs.5,400

c. Rs.5,416

d. Rs.4,416

59. Two cars start taking laps of a circular track of 3.6 kms at the same time of 12:00 PM. They start from the same point and they are moving in the same direction. Their speeds are 72 kmph and 90 kmph respectively. At what time will the cars meet again? (+2, -0.5)

- a. 12:12 PM
 - b. 12:06 PM
 - c. 12:03 PM
 - d. 12:09 PM
-

60. A shopkeeper sells oil at ₹200 per litre, which he purchased for ₹160 per litre, but he gives only 800 ml of oil instead of 1 litre while selling. Find the actual percentage of profit. (+2, -0.5)

- a. 56.25%
- b. 54.25%
- c. 52.25%
- d. 58.25%

English

61. Select the most appropriate meaning of the underlined idiom in the following sentence. (+2, -0.5)

The local police were working hand in glove with Federal Bureau of Investigation to find the reasons behind the murder.

- a. To have liking for each other
- b. To be in close association
- c. In keeping with
- d. To progress at equal rate

-
62. Select the most appropriate spelling that can correctly substitute the misspelt underlined segment in the given sentence. (+2, -0.5)

Who will adjuddicate on this matter?

- a. addjudicate
- b. adjjudicate
- c. adjudiccate
- d. adjudicate

-
63. Select the most appropriate synonym of the given word. (+2, -0.5)

Timid

- a. Fearful

- b. Bold
 - c. Adventurous
 - d. Forthcoming
-

64. Select the most appropriate ANTONYM of the given word. (+2, -0.5)

Disdain

- a. Antipathy
 - b. Scorn
 - c. Dislike
 - d. Respect
-

65. Select the most appropriate synonym of the underlined word. (+2, -0.5)

The price of fuel is declining as the elections are approaching.

- a. Extending
 - b. Exalting
 - c. Increasing
 - d. Decreasing
-

66. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, mark 'No error' as your answer. (+2, -0.5)

The blind man can perform / wonderfully well even though / he was old now.

- a. he was old now
- b. No error
- c. The blind man can perform
- d. wonderfully well even though

67. Select the most appropriate meaning of the given idiom. (+2, -0.5)

Bounce something off someone

- a. Distribute materials to the poor and the needy
- b. Discuss ideas with someone to get their views
- c. Select members for something without their consent
- d. Throw stones at others without any reason

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68. Select the most appropriate option that can substitute the underlined segment in the given sentence. (+2, -0.5)

An unexpected power failure which happened besides the recording disheartened all of them.

- a. happened during the recording
- b. happened until the recording
- c. happened among the recording
- d. happen between the recording

69. Select the most appropriate **ANTONYM** of the given word.

(+2, -0.5)

Valiant

- a. Cowardly
- b. Similar
- c. Heroic
- d. Dull

70. Select the most appropriate **synonym** of the word given in brackets to fill in the blank.

(+2, -0.5)

The soldiers exhibited their _____ (courage) during the war.

- a. anchor
- b. valour
- c. candour
- d. timidity

71. Select the most appropriate option to fill in the blank.

(+2, -0.5)

He fell unconscious due to a snake bite, so the doctor quickly gave him _____.

- a. the antibiotic
- b. the antigen
- c. the antidote

d. the antiquary

72. The sentence given below has one misspelt word. Spot the INCORRECTLY spelt word and select its correct spelling. (+2, -0.5)

He picked up his luggage and crossed the road.

- a. Laggage
 - b. Luggage
 - c. Lugaze
 - d. Lagage
-

73. Select the correct pair of homonyms to fill in the blanks. (+2, -0.5)

The Prime Minister _____ the nation asking for the _____ of the traitors.

- a. meant, mean
 - b. address, addressed
 - c. mean, meant
 - d. addressed, address
-

74. Select the most appropriate homonym to fill in the blank. (+2, -0.5)

I think he is the _____ person for this job.

- a. write
- b. rite

- c. right
- d. wright

75. Select the word segment that substitutes (replaces) the bracketed word segment correctly and completes the sentence meaningfully. (+2, -0.5)

People in temperate (country pay little attention) to mangroves.

- a. country pays little attention
- b. countries pays little attention
- c. countries pay little attention
- d. country paid little attention

76. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+2, -0.5)

While stone sculptures and reliefs (1) _____ the exterior of great religious monuments for many centuries, bronze sculptures of the gods were probably a later development. In southern India, kings and queens of the Chola dynasty were well-known patrons of great Hindu (2) _____. Marvellous bronze sculptures were worshipped in the temple context, and carried through the streets in (3) _____ during religious festivals. Such great temple festivals, involving massive carts that transport divine images, still (4) _____ today throughout India, and major celebrations may draw hundreds of thousands of participants. Such images were popular during the Chola dynasty because people increasingly wanted a more intimate, emotional relationship with the gods. These ideas were (5) _____ to the religious movement known as 'Bhakti', a personal and emotional experience of divinity.

Select the most appropriate option to fill in blank number 1.

- a. monitored
- b. overshadowed
- c. ornamented
- d. ruined

77. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

(+2, -0.5)

While stone sculptures and reliefs (1)_____ the exterior of great religious monuments for many centuries, bronze sculptures of the gods were probably a later development. In southern India, kings and queens of the Chola dynasty were well- known patrons of great Hindu (2)_____. Marvellous bronze sculptures were worshipped in the temple context, and carried through the streets in (3)_____ during religious festivals. Such great temple festivals, involving massive carts that transport divine images, still (4)_____ today throughout India, and major celebrations may draw hundreds of thousands of participants. Such images were popular during the Chola dynasty because people increasingly wanted a more intimate, emotional relationship with the gods. These ideas were (5)_____ to the religious movement known as 'Bhakti', a personal and emotional experience of divinity.

Select the most appropriate option to fill in blank number 2.

- a. regulations
- b. saints
- c. states

d. temples

78. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+2, -0.5)

While stone sculptures and reliefs (1)_____ the exterior of great religious monuments for many centuries, bronze sculptures of the gods were probably a later development. In southern India, kings and queens of the Chola dynasty were well- known patrons of great Hindu (2)_____. Marvellous bronze sculptures were worshipped in the temple context, and carried through the streets in (3)_____ during religious festivals. Such great temple festivals, involving massive carts that transport divine images, still (4)_____ today throughout India, and major celebrations may draw hundreds of thousands of participants. Such images were popular during the Chola dynasty because people increasingly wanted a more intimate, emotional relationship with the gods. These ideas were (5)_____ to the religious movement known as 'Bhakti', a personal and emotional experience of divinity.

Select the most appropriate option to fill in blank number 3.

- a. vessels
- b. competitions
- c. patterns
- d. processions

x

duplicate options found. English Question 1 options 3,4

79. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+2, -0.5)

While stone sculptures and reliefs (1) _____ the exterior of great religious monuments for many centuries, bronze sculptures of the gods were probably a later development. In southern India, kings and queens of the Chola dynasty were well-known patrons of great Hindu (2) _____. Marvellous bronze sculptures were worshipped in the temple context, and carried through the streets in (3) _____ during religious festivals. Such great temple festivals, involving massive carts that transport divine images, still (4) _____ today throughout India, and major celebrations may draw hundreds of thousands of participants. Such images were popular during the Chola dynasty because people increasingly wanted a more intimate, emotional relationship with the gods. These ideas were (5) _____ to the religious movement known as 'Bhakti', a personal and emotional experience of divinity.

Select the most appropriate option to fill in blank number 4.

- a. occur
- b. accede
- c. herald
- d. inspire

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80. In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

(+2, -0.5)

While stone sculptures and reliefs (1) _____ the exterior of great religious monuments for many centuries, bronze sculptures of the gods were probably a later development. In southern India, kings and queens of the Chola dynasty were well-known patrons of great Hindu (2) _____. Marvellous bronze sculptures were worshipped in the temple context, and carried through the streets in (3) _____ during religious festivals. Such great temple festivals, involving massive carts

that transport divine images, still (4) _____ today throughout India, and major celebrations may draw hundreds of thousands of participants. Such images were popular during the Chola dynasty because people increasingly wanted a more intimate, emotional relationship with the gods. These ideas were (5) _____ to the religious movement known as 'Bhakti', a personal and emotional experience of divinity.

Select the most appropriate option to fill in blank number 5.

- a. analogous
- b. foreign
- c. contrary
- d. central



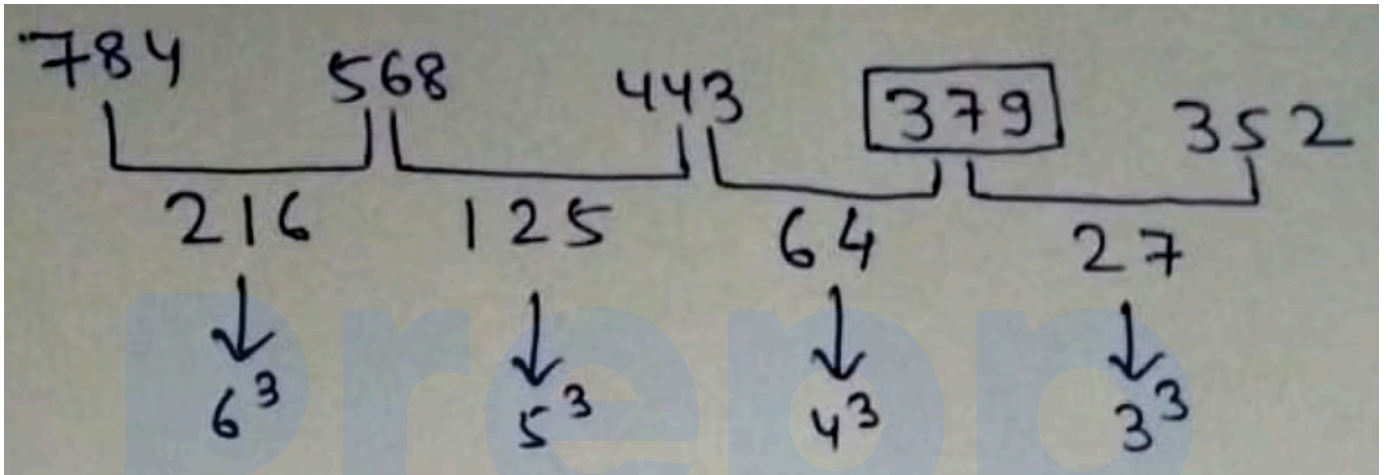
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Answers

1. Answer: d

Explanation:

The logic followed here is:



So, '379' will complete the series.

Hence, the correct answer is "Option 4".

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2. Answer: b

Explanation:

Family Chart:

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

Given:

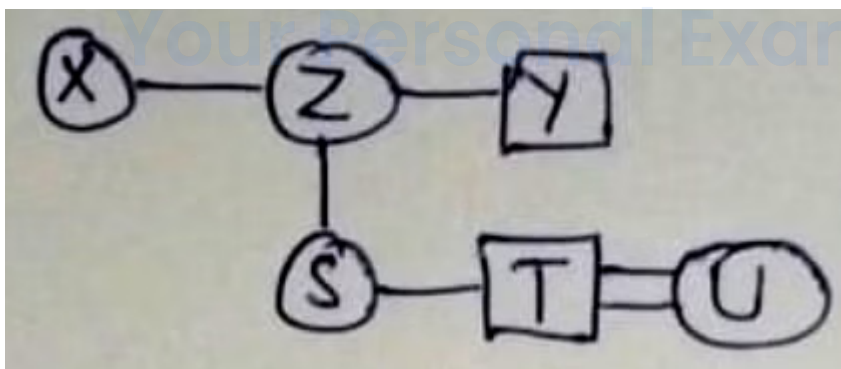
X and Z are sisters.

Y is the brother of Z.

S is the daughter of Z.

T is the brother of S.

T is married to U.



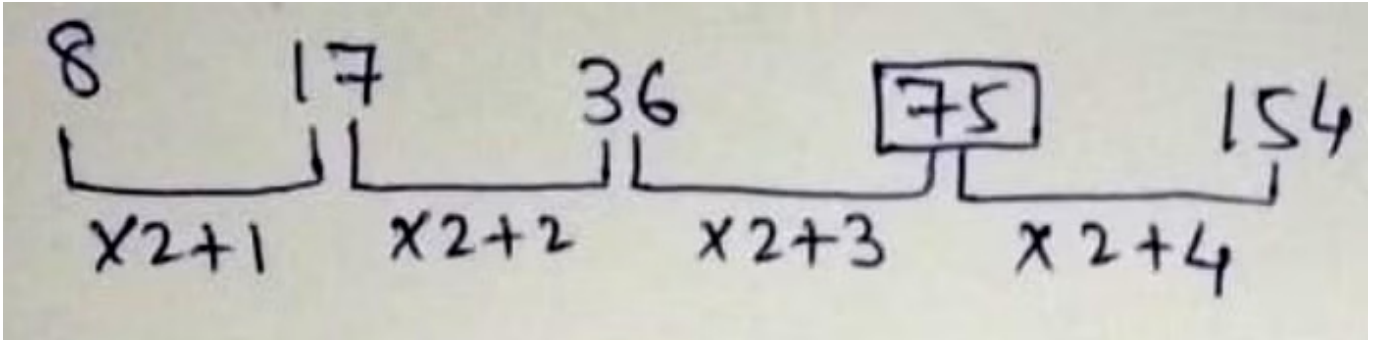
So, Y is the 'Mother's brother' of S.

Hence, the correct answer is "Option 2".

3. Answer: d

Explanation:

The logic followed here is:



So, '75' will complete the series.

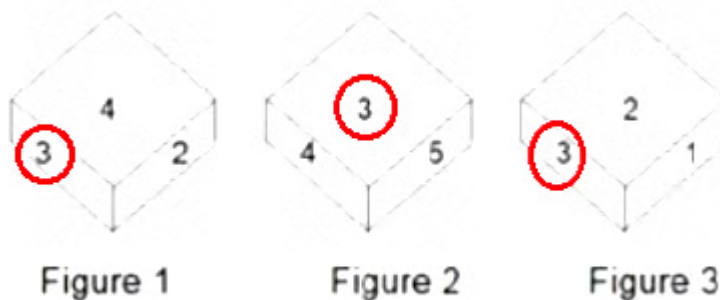
Hence, the correct answer is "Option 4".

4. Answer: d

Explanation:

For find the opposite surface of '3', we need to compare the common surface in the given dices,

Now, symbol '3' is given in Dice 1, Dice 2 and Dice 3.



→ 3 is the common surface and 4, 2, 5, 1 is the adjacent surface.

So, the remaining '6' will be the opposite face of '3'.

Hence, the correct answer is "Option 4".

5. Answer: b

Explanation:

The correct mirror image of the given figure is:



Hence, the correct answer is "Option 2".

6. Answer: d

Explanation:

The correct dictionary order for the give words are:

5 drama

1 dream

3 drone

4 dropped

2 drown

So, the correct sequence is '5, 1, 3, 4, 2'.

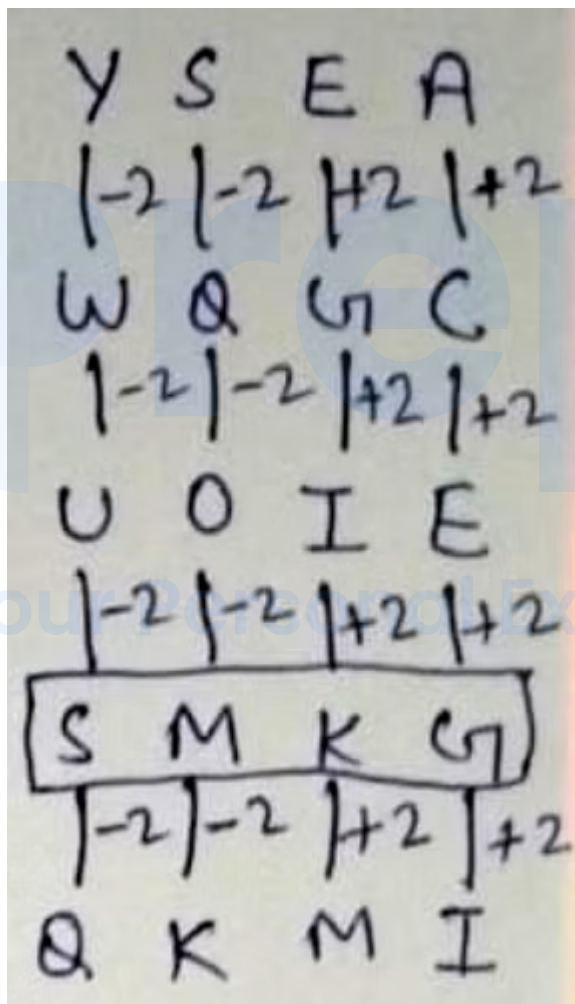
Hence, the correct answer is "Option 4".

7. 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:



So, 'SMKG' will replace the question mark in the given series.

Hence, the correct answer is "Option 3".

8. Answer: d

Explanation:

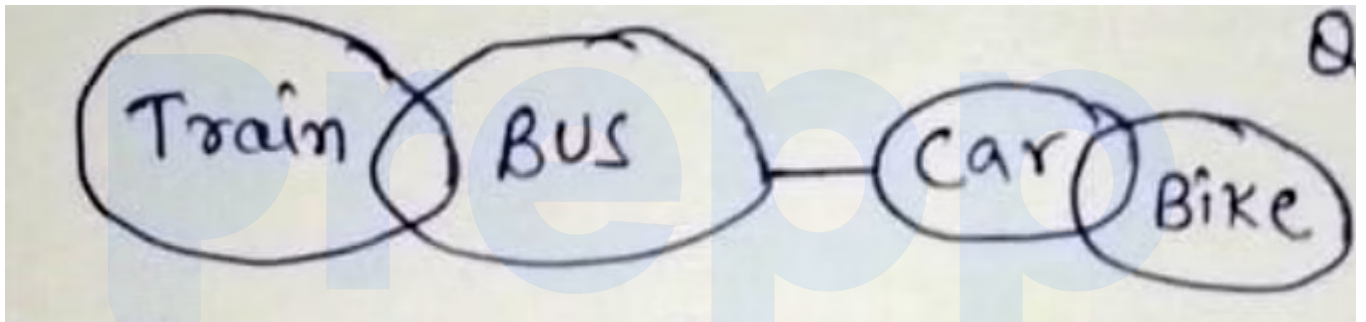
Given Statements:

Some trains are buses.

No bus is a car.

Some cars are bikes.

The least possible Venn diagram for the given statement is:



Conclusions:

I. Some bikes are cars - True (Because, Some cars are bikes, so Some Bikes are also Car).

II. Some bikes are trains - False (Because, No definite relation given between Bikes are Trains, so it can be possible only).

So, Only conclusion I follows.

Hence, the correct answer is "Option 4".

9. Answer: d

Explanation:

Given equation: $158 - 64 \times 6 \div 2 = 4 \times 15 \div 3$.

BODMAS Table:

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

Let's check each option one by one.

Option 1) 15 and 158

Given: $158 - 64 \times 6 \div 2 = 4 \times 15 \div 3$

After interchanging the numbers we get;

$$\Rightarrow 15 - 64 \times \underline{6 \div 2} = 4 \times \underline{158 \div 3}$$

$$\Rightarrow 15 - \underline{64 \times 3} = \underline{4 \times 52.66}$$

$$\Rightarrow \underline{15 - 192} = 210.64$$

$$\Rightarrow -177 \neq 210.64$$

$$\Rightarrow \text{LHS} \neq \text{RHS}$$

Option 2) 64 and 6

Given: $158 - 64 \times 6 \div 2 = 4 \times 15 \div 3$

After interchanging the numbers we get;

$$\Rightarrow 158 - 6 \times \underline{64 \div 2} = 4 \times \underline{15 \div 3}$$

$$\Rightarrow 158 - \underline{6 \times 32} = \underline{4 \times 5}$$

$$\Rightarrow \underline{158 - 192} = 20$$

$$\Rightarrow -34 \neq 1$$

$$\Rightarrow \text{LHS} \neq \text{RHS}$$

Option 3) 64 and 4

$$\text{Given: } 158 - 64 \times 6 \div 2 = 4 \times 15 \div 3$$

After interchanging the numbers we get;

$$\Rightarrow 158 - 4 \times \underline{6 \div 2} = 64 \times \underline{15 \div 3}$$

$$\Rightarrow 158 - \underline{4 \times 3} = \underline{64 \times 5}$$

$$\Rightarrow \underline{158 - 12} = 320$$

$$\Rightarrow 146 \neq 320$$

$$\Rightarrow \text{LHS} \neq \text{RHS}$$

Option 4) 6 and 4

$$\text{Given: } 158 - 64 \times 6 \div 2 = 4 \times 15 \div 3$$

After interchanging the numbers we get;

$$\Rightarrow 158 - 64 \times \underline{4 \div 2} = 6 \times \underline{15 \div 3}$$

$$\Rightarrow 158 - \underline{64 \times 2} = \underline{6 \times 5}$$

$$\Rightarrow \underline{158 - 128} = 30$$

$$\Rightarrow 30 = 30$$

$$\Rightarrow \text{LHS} = \text{RHS}$$

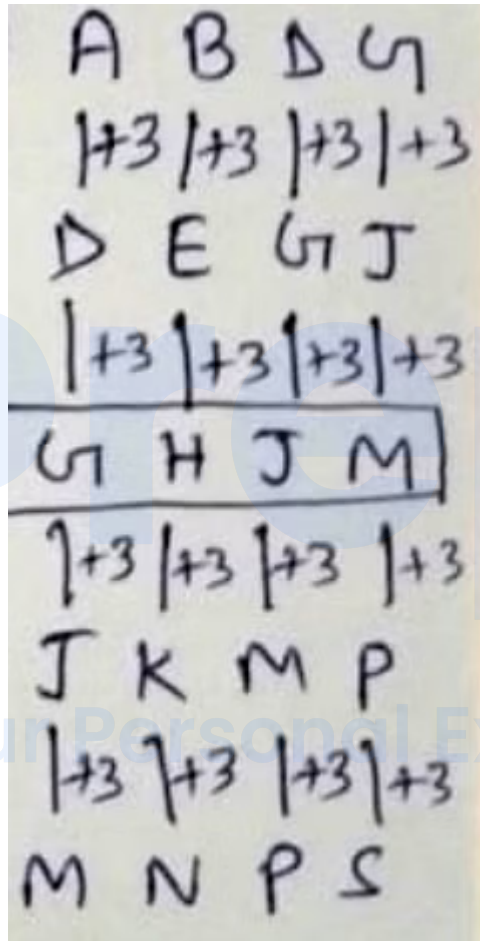
Hence, the correct answer is "Option 4".

10. 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:



So, 'GH JM' will replace the question mark in the given series.

Hence, the correct answer is "Option 3".

11. Answer: b

Explanation:

The logic followed here is:

Step I: Symbol



shifted its place in as shown:



Step II: Symbol

flipped 90 degree in next images and getting shifted in clockwise direction.



Step III: Symbol



shifted its place in as shown:



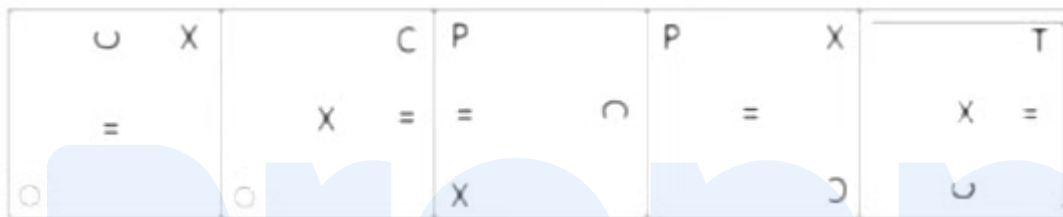
Step IV: Symbol



is getting interchanged with letter 'P' and 'T' and shifting alternatively



So, the complete series is:



Hence, the correct answer is "Option 2".

12. Answer: c

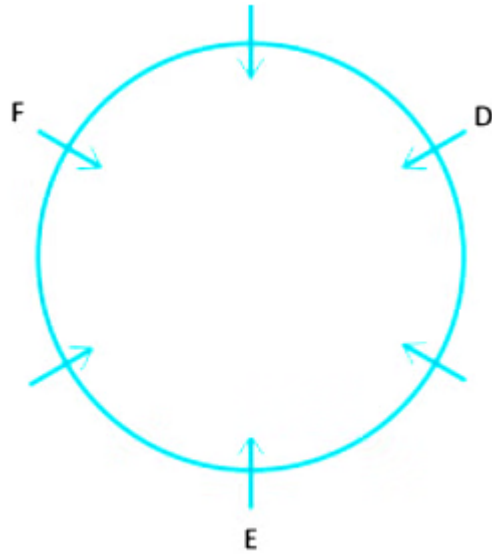
Explanation:

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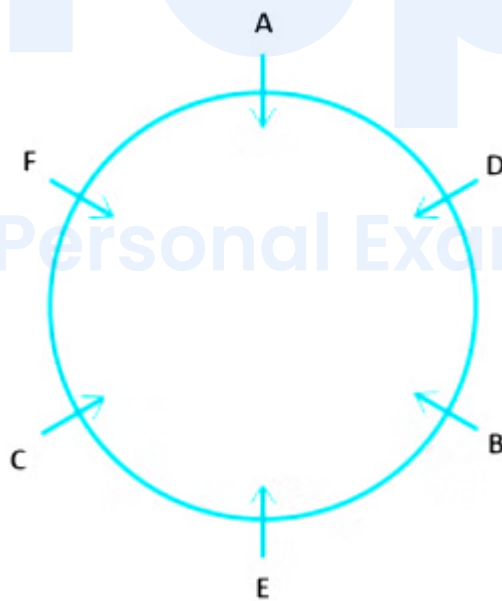
Given: Six students are sitting around a circular table facing the centre.

1) D sits second to the right of E.

2) F sits second to the right of D.



- 3) B is an immediate neighbour of E and sits second to the right of C.
- 4) F is an immediate neighbour of A.
- 5) A is not an immediate neighbour of E.



Here, 'B' is sitting between D and E.

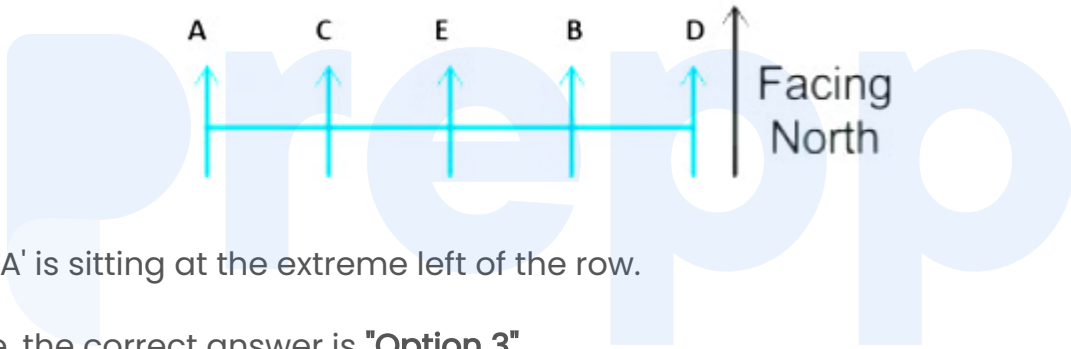
Hence, the correct answer is "Option 3".

13. Answer: c

Explanation:

Given: Five people A, B, C, D, and E are sitting in a straight row facing the North.

- 1) A is sitting to the immediate left of C.
- 2) Only C is sitting between A and E.
- 3) B is sitting to the right of E.
- 4) D is sitting to the right of B.



Here, 'A' is sitting at the extreme left of the row.

Hence, the correct answer is "Option 3".

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14. Answer: a

Explanation:

Given equation: $72 - 36 \times 4 \div 6 + 24 = 42$.

BODMAS Table:

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

Let's check each option one by one.

Option 1) ÷ and x

Given: $72 - 36 \times 4 \div 6 + 24 = 42$

After interchanging the signs we get;

$$\Rightarrow 72 - \underline{36 \div 4} \times 6 + 24 = 42$$

$$\Rightarrow 72 - \underline{9 \times 6} + 24 = 42$$

$$\Rightarrow \underline{72} - 54 + \underline{24} = 42$$

$$\Rightarrow \underline{96} - 54 = 42$$

$$\Rightarrow 42 = 42$$

$$\Rightarrow \text{LHS} = \text{RHS}$$

Option 2) + and -

Given: $72 - 36 \times 4 \div 6 + 24 = 42$

After interchanging the signs we get;

$$\Rightarrow 72 + \underline{36 \times 4 \div 6} - 24 = 42$$

$$\Rightarrow \underline{72 + 24} - 24 = 42$$

$$\Rightarrow \underline{96} - 24 = 42$$

$$\Rightarrow 72 \neq 42$$

⇒ LHS ≠ RHS

Option 3) - and ÷

Given: $72 - 36 \times 4 \div 6 + 24 = 42$

After interchanging the signs we get;

⇒ $72 \div 36 \times 4 - 6 + 24 = 42$

⇒ $2 \times 4 - 6 + 24 = 42$

⇒ $8 - 6 + 24 = 42$

⇒ $32 - 6 = 42$

⇒ $26 \neq 42$

⇒ LHS ≠ RHS

Option 4) × and +

Given: $72 - 36 \times 4 \div 6 + 24 = 42$

After interchanging the signs we get;

⇒ $72 - 36 + 4 \div 6 \times 24 = 42$

⇒ $72 - 36 + 16 = 42$

⇒ $88 - 36 = 42$

⇒ $52 \neq 42$

⇒ LHS ≠ RHS

Hence, the correct answer is "Option 1".

15. Answer: d

Explanation:

The logic followed here is:

Logic: The second word is the unit of measurement for the first word.

Here,

Resistance : Ohm → **Ohm** is the unit of measurement for electrical **resistance**.

Similarly,

Energy : Joule → **Joule** is the unit of measurement for **energy**.

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

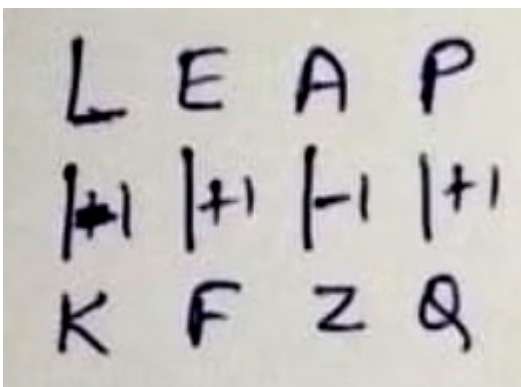
16. Answer: b

Explanation:

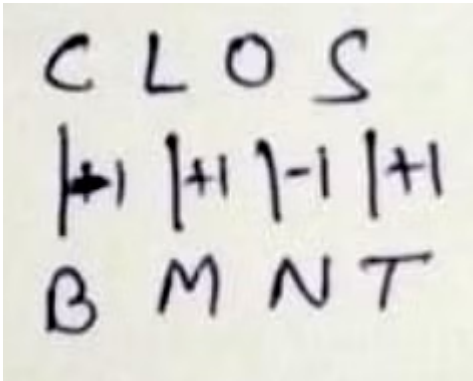
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is:

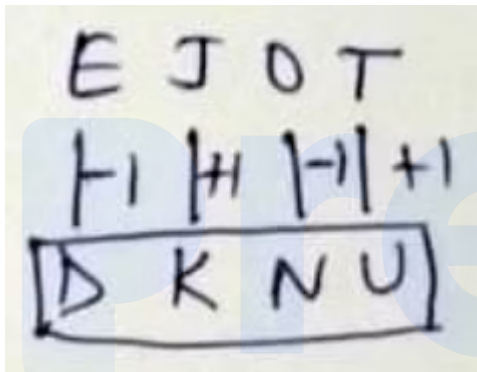
For, LEAP : KFZQ



For, CLOS : BMNT



Similarly, for EJOT : ?



Hence, the correct answer is "Option 2".

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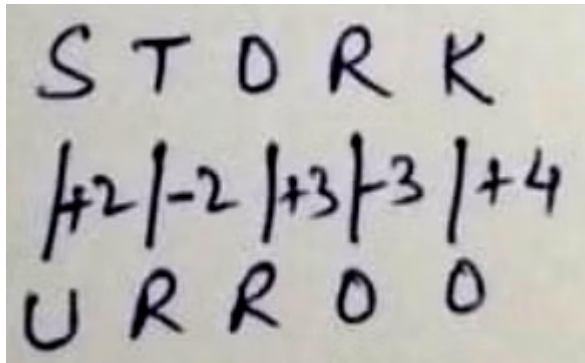
17. Answer: d

Explanation:

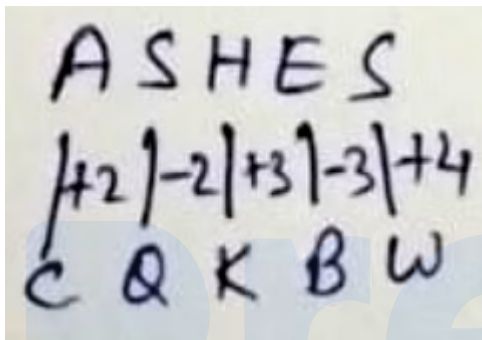
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

The logic followed here is:

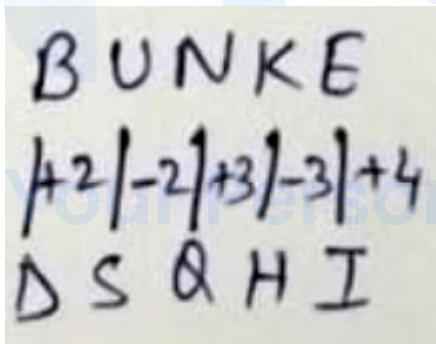
For, 'STORK' is written as 'URROO',



For, 'ASHES' is written as 'CQKBW',



Similarly, for 'BUNKE'



So, 'BUNKE' will be written as 'DSQHI'.

Hence, the correct answer is "Option 4".

18. Answer: c

Explanation:

The logic followed here is:

Logic: $(1\text{st number} - 2) \div 4 = 2\text{nd number}$.

Now,

For, $46 : 11$

$$\Rightarrow (46 - 2) \div 4$$

$$\Rightarrow 44 \div 4 = 11.$$

For, $30 : 7$

$$\Rightarrow (30 - 2) \div 4$$

$$\Rightarrow 28 \div 4 = 7.$$

Similarly, for $50 : ?$

$$\Rightarrow (50 - 2) \div 4$$

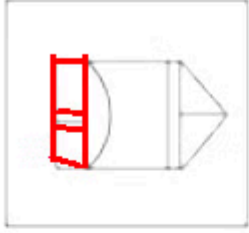
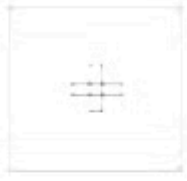
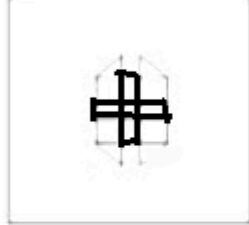

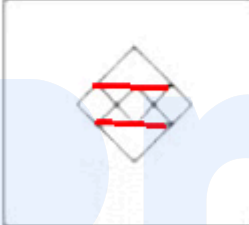
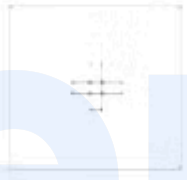


$$\Rightarrow 48 \div 4 = 12.$$

Hence, the correct answer is "Option 3".

19. Answer: b

Explanation:

The image embedded in the given option figure is as shown below:

No.	Option	Question	Answer
1.			Not Embedded
2.			Embedded
3.			Not Embedded
4.			Not Embedded

Hence, "Option 2" is the correct answer.

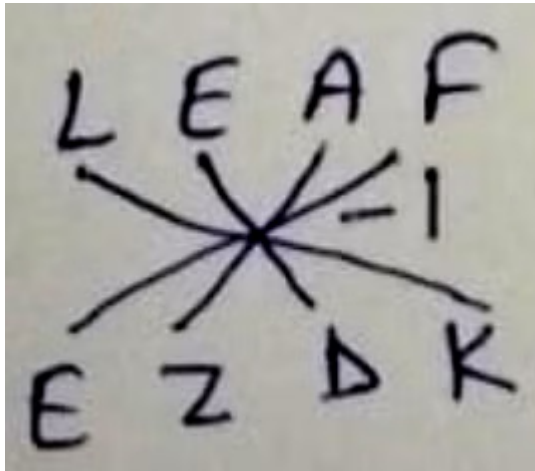
20. Answer: b

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:

For, 'LEAF' is written as 'EZDK',



For, 'PLANT' is written as 'SMZKO',



Similarly, for 'FLOWER'



So, 'FLOWER' will be written as 'QDVNKE'.

Hence, the correct answer is "Option 2".

21. Answer: d

Explanation:

The correct answer is Special Marriage Act.

★ Key Points

- The Parliament introduced the Special Marriage Act, 1954 which allows for a special form of marriage for the people of India to marry irrespective of their religion.
- Conditions for a valid marriage: Section 4
 - Neither party has a spouse living:
 - Neither party-
 - is incapable of giving a valid consent to it in consequence of unsoundness of mind.
 - though capable of giving valid consent, has been suffering from mental disorder of such a kind or to such an extent as to be unfit for marriage and the procreation of children.
 - has been subject to recurrent attacks of insanity or epilepsy.

★ Additional Information

- The male has completed the age of twenty-one years and the female, the age of eighteen years.
 - The parties are not within the degrees of prohibited relationship.
 - A declaration in the form specified has to be signed by the applicants along with three witnesses.
 - The Marriage Officer shall after being satisfied that all the conditions mentioned in **Section 15** of the Act are met with, enter a certificate of the marriage in the Marriage Certificate Book in the Form specified in the Fifth Schedule and the parties to the marriage and three witnesses shall sign such certificate.
-

22. Answer: b

Explanation:

The correct answer is Punjab.

★ Key Points

- The Green Revolution in India began in the late **1960s in the state of Punjab**.
- The Green Revolution refers to a period of drastic change in agricultural practices that involved the large-scale adoption of modern farming techniques.
- This included using **high-yielding variety (HYV) seeds, chemical fertilizers, pesticides, and advanced irrigation methods**.
- These developments led to a significant increase in agricultural production, especially in the case of wheat and rice, making India self-sufficient in food grains.
- Although the revolution had started from Punjab, it eventually spread to other parts of the country.
- The key architect of the Green Revolution in India was **M.S. Swaminathan**, often referred to as the "**Father of the Green Revolution**" in India.

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23. Answer: b

Explanation:

The correct answer is agricultural rural hinterland.

★ Key Points

- Industrially developed urban centers are usually surrounded by an "**agricultural rural hinterland**."
- In geographical terms, a '**hinterland**' refers to the area surrounding a town or port, which is served by the port or town for the transportation of goods.

- In context, an agricultural rural hinterland serves as the region that supplies the urban center with agricultural products or raw materials and in return, it receives industrial goods and services.
 - However, it's important to note that the exact nature and characteristics of the hinterland can change based on specific geographical or economic contexts.
 - For instance, a seaport city might indeed have a "**seaport hinterland**" where the surrounding areas rely on the port for trade and transportation access.
-

24. Answer: d

Explanation:

The correct answer is Churning poor.

★ Key Points

- The term "**churning poor**" is used to describe individuals or households who move in and out of poverty.
 - It refers to people whose **income fluctuates** around the poverty line, sometimes being above, and at other times falling below it.
 - These fluctuations can be due to a variety of factors, including seasonal income variations, sudden expenses, or unexpected economic events.
 - The "churning poor" are a group for whom poverty is a persistent but not always constant problem.
 - This precarity can make planning for the future and breaking the cycle of poverty very challenging.
-

25. Answer: c

Explanation:

The correct answer is Chief minister.

★ Key Points

- The **Chief Minister of a state** suggests the allocation of portfolios, but the official power to assign portfolios to the cabinet ministers rests with the Governor.
- It's important to note that the Governor exercises this function as a part of his or her formal powers and acts on the advice of the Chief Minister.
- Chief Minister is the real executive authority i.e., **de facto executive**.
- The **Constitution does not contain any specific procedure** for the selection and appointment of the Chief Minister.
- **Article 164 only says that the Chief Minister shall be appointed by the governor.**
- The governor **has to appoint the leader of the majority party** in the state legislative assembly as the Chief Minister.
- But, when no party has a clear majority in the assembly, then the governor may exercise his personal discretion and then ask him to prove the majority within a reasonable period.

26. Answer: d

Explanation:

The correct answer is Pluto.

★ Key Points

Pluto is a **dwarf planet** in our solar system.

- The dwarf planet is a celestial body that is orbiting around the sun and a mass to assume a nearly round shape.
- It has not cleared the neighbourhood space around it and not comes in the satellite category.

Mars:

- Mars is called Red Planet.
- It has two satellites - Phobos and Deimos.
- Mars is the fourth planet in the solar system.
- It is the second smallest planet in the solar system.

- In English Mars carries the name of the Roman God of War.

Planet	Characteristics
Mercury	<ul style="list-style-type: none"> • It is the innermost and smallest planet in the solar system. • The orbit period around the sun is 87.97 days. • It is named after the Roman deity Mercury, the messenger of Gods.
Venus	<ul style="list-style-type: none"> • It is situated at 2nd place from the Sun and also called as Earth's 'sister planet' because of mass, size and proximity to the sun. • It is the second brightest object in the night sky after the moon. • It is having rotation period of 200 Earth days and orbit period around Sun 224.7 Earth days. • It is named after the love and beauty goddess from Roman.
Neptune	<ul style="list-style-type: none"> • It is a type of trans-Neptunian object in Kupier belt and was discovered in the year 2000. • It is having elongated shape because of very fast rotation and the surface is in red colour due to the presence of organic compounds. • It is named after the Hindu deity Varuna mentioned in Vedic texts.
Pluto	<ul style="list-style-type: none"> • It is an icy dwarf planet inside the Kupier belt. It was discovered in 1930 and declared as the ninth planet in the solar system. • In 2006, it was formally classified as a dwarf planet by International Astronomical Union. • It is made up of ice and rock, 1/6th mass of the moon and 1/3rd of its volume.

27. Answer: a

Explanation:

The correct answer is 11; 51A.

★ Key Points

Fundamental Duties were added to the constitution in 1976.

- It is inspired by the Constitution of the erstwhile **USSR**.
- It was recommended by the Sardar Swaran Singh Committee.
- Its need and necessity were felt during the operation of the internal emergency (1975–1977).

Fundamental Duties:

- Fundamental Duties were incorporated in the Indian Constitution by the 42nd amendment.
- There are **11 Fundamental Duties** for Indian Citizens drafted on the lines of moral, ethical, and cultural code of conduct followed by people.
- **Article 51 'A' contained in Part IV A of the Constitution deals with Fundamental Duties.**
- Fundamental Duties are taken from the Constitution of Russia.
- These enjoin upon a citizen among other things, to abide by the Constitution, to cherish and follow noble ideals.

Hence, from the above-mentioned points, it becomes clear that Article 51 A of Part 'IV a' of the Constitution have Fundamental Duties been incorporated.

★ Additional Information

There are 11 fundamental duties, according to Article 51A, that are to be obeyed by all the citizens of the country:

- To abide by the Indian Constitution and respect its ideals and institutions, the National Anthem, and the National Flag.
- To follow the Noble ideals that inspired the national struggle for freedom.

- To protect and uphold the sovereignty, integrity, and unity of the country.
- To defend the nation and render national services when asked to do so.
- To promote the spirit of Brotherhood and fraternity in the country.
- To strive for excellence.
- To protect the environment of the nation.
- To value and preserve the rich heritage of the country's composite culture.
- To safeguard public property and to deny violence.
- To generate a scientific rationale for every thought.
- To provide opportunities for education to children between the age of 6 and 14.

28. Answer: c

Explanation:

The correct answer is Japan.

★ Key Points

- Tokyo, Japan:
 - Tokyo is the host city for 2020 Summer Olympics.
 - Tokyo was the host city for 1964 Summer Olympics.
 - The 1964 Tokyo Games were the first to be held in Asia.
- The 2024 Summer Olympics is to be held in Paris, France.
- Mexico was the host city for 1968 Summer Olympics.
- Los Angeles hosted the Olympic Games in 1932 and 1984 and will host again in 2028.

29. Answer: a

Explanation:

The correct answer is Cricket.

★ Key Points

Leg before wicket (LBW):

- If the ball is **bowled and hits the batsman first without touching the bat**, then an LBW decision is possible.
- However for the umpire to give this out he must first look at some of the factors stated in the cricket rules.
- The first thing the **umpire needs to decide is that it is a no-ball**, would the ball have hit the wickets if the batsman was not there.
- If his answer to this is yes and the ball was not pitched on the leg side of the wicket he can safely give the batsman out.
- However, if the ball hits the batsman outside the line of off stump while he was attempting to play a stroke then he is not out.

★ Additional Information

Cricket:

- Cricket is a bat and ball game played between two teams on a field, at the center of which is a rectangular pitch.
- One team bats, trying to defend the wicket and scoring as many runs as possible.
- There are a number of different ways a batsman can be given out in the game of cricket.
- For example, bowled, caught, LBW, run out, retired out, etc.

30. Answer: c

Explanation:

The correct answer is drawer.

★ Key Points

- The person or entity writing the cheque is known as the payer or "**drawer**".

Here are important points concerning this role:

1. **Authority:** The drawer is the person who has the authority to instruct their bank or financial institution to pay a specified amount from their account. Only the account holder or their duly authorized representative can act as the drawer.
2. **Responsibility:** The drawer is responsible for ensuring that their account has sufficient funds to cover the amount specified on the cheque. If a drawer writes a cheque that bounces due to insufficient funds, they may be legally liable.
3. **Risk:** The drawer exposes themselves to the risk of fraud or theft when they write a cheque. Anyone possessing the cheque can attempt to fraudulently cash it or alter the amount payable. Therefore, drawers must be careful to keep their blank cheques secure, write cheques only to trustworthy individuals or entities, and properly record all transactions.
4. **Relationship:** The drawer has a direct relationship with their bank or financial institution (the drawee). The drawer's bank is obligated to follow the drawer's payment instructions on the cheque, provided the account has sufficient funds and the cheque is validly issued. This includes paying the specified amount to the person or entity named on the cheque (the payee).

31. **Answer: a**

Explanation:

The correct answer is 1539.

★ Key Points

- **The Battle of Chausa** is one of the most important battles fought in Indian history.
- This war was fought on **June 26, 1539**, between the forces of **Sher Khan (Sher Shah) and Humayun**, the son of Mughal emperor Babar, at a place called 'Chausa' on the northern bank of the river Ganges.
- After being successful in the battle of Chausa, Sher Khan equipped himself with the title of 'Sher Shah', as well as ordered his name to be engraved and coins to be minted.

★ Additional Information

Battles fought by Humayun	Year
Battle of Devra	1531
Battle of Chausa	1539
Battle of Bilgram	1540
Battle of Sirhind	1555

32. Answer: c

Explanation:

The correct answer is Both I and II.

★ Key Points

The Mauryan Empire was divided into four provinces with the imperial capital at Pataliputra.

- From Ashokan edicts, the name of the four provincial capitals are
 - **Tosali** (in the east),
 - **Ujjain** (in the west),
 - **Suvarnagiri** (in the south), and
 - **Taxila** (in the north)

33. Answer: c

Explanation:

The correct answer is R Venkataramani.

★ Key Points

- R Venkataramani is the incumbent Attorney-General for India. He succeeded to the office as the 16th Attorney-General on 1 October 2022. His predecessor was K. K. Venugopal.
- **Mukul Rohatgi**
 - Mukul Rohatgi is an Indian lawyer and designated senior advocate.
 - He was the 14th Attorney General of India.
 - He had a three-year term as Attorney General from 19 June 2014 to 18 June 2017.
 - He is a senior advocate in the Supreme Court of India.
 - He has also previously served as the Additional Solicitor General of India.
- **KK Venugopal**
 - KK Venugopal is an Indian constitutional lawyer and a senior advocate in the Supreme Court of India.
 - On 1 July 2017, he was appointed as the Attorney General of India.

★ Additional Information

- **Attorney General Constitutional Provisions**
 - According to Article 76 of the Indian Constitution, the Attorney General (AG) of India is the highest law officer of India.
 - As the Chief Legal Adviser to the Government of India, the Attorney General acts to advise the Central Government on all legal matters.
 - Apart from this, the Attorney General of India also represents the Central Government in the Supreme Court.

34. Answer: c

Explanation:

The correct answer is Yashwant Sinha

★ Key Points

- **Yashwant Sinha** was the candidate of the **United Progressive Alliance (UPA)** in the **15th Presidential Election** in India
- Yashwant Sinha is an Indian administrator and politician.

- His constituency was Hazaribagh.
- He served as the Minister of Finance from 1990 until 1991 under Prime Minister Chandra Shekhar and again from March 1998 to July 2002 under Prime Minister Atal Bihari Vajpayee.
- He also served as the Minister of External Affairs from July 2002 until May 2004

35. Answer: d

Explanation:

The correct answer is World Trade Organization.

★ Key Points

- The World Trade Organization (WTO) is an intergovernmental organization that is concerned with the **regulation of international trade between nations**.
- The WTO officially commenced on 1 January 1995 under the Marrakesh Agreement, signed by 123 nations on 15 April 1994, replacing the General Agreement on Tariffs and Trade (GATT), which commenced in 1948.
- It is the largest international economic organization in the world.
- The World Trade Organization (WTO) is the only global international organization dealing with the **rules of trade between nations**.

The WTO can

- cut living costs and raise living standards
- settle disputes and reduce trade tensions
- stimulate economic growth and employment
- cut the cost of doing business internationally.
- encourage good governance
- help countries develop
- give the weak a stronger voice
- support the environment and health
- contribute to peace and stability
- be effective without hitting the headlines

36. Answer: d

Explanation:

The correct answer is Trophic Level.

★ Key Points

- A specific place of an organism in the food chain is referred to as its "**trophic level**".
- Trophic levels are the stages that energy passes through as it flows through an ecosystem, from photosynthetic plants up to the top predators.
- Each level has organisms that share the same function in the food chain and the same nutritional relationship to primary sources of energy.
- Here's a simple example: plants, which produce their own food, are at the first trophic level. Herbivores, which eat plants, are at the second trophic level.
- Carnivores, which eat herbivores, are at the **third trophic level**, and so on.

37. Answer: c

Explanation:

The correct answer is CH₃COOH.

★ Key Points

- **Ethanoic acid** belongs to the group of **carboxylic acids** and it is a type of **weak acid**.
 - **Ethanoic acid (CH₃COOH)** belongs to the group of **carboxylic acids** and is commonly called **acetic acid**.
 - It is slightly heavier than water with a **density** of **1.05 g/cm³**.
- **Uses of ethanoic acid**
 - Ethanoic acid is widely used in many industries.

- Commercially it is used in the **manufacturing of esters, vinegar, and many polymeric materials.**
- Vinegar has been shown to reduce high concentrations of blood sugar.
- It is used as an **anti-fungal agent.**

38. **Answer: c**

Explanation:

The correct answer is 14th January.

★ Key Points

- Whenever the Sun crosses the Tropic of Capricorn, the day is **January 14** and people celebrate it as Makar Sankranti.
- On this day, the Sun leaves the sign of Sagittarius and enters the sign of Capricorn, and the **movement of the Sun in Uttarayana** is believed to begin.
- This festival always falls on the 14th January (sometimes we see this festival falling on the 13th January or 15th of January but barring this exceptional case it always falls on the 14th January) It is a tradition to celebrate this festival everywhere in the month of Paush when the sun enters Capricorn.

★ Additional Information

- Makar Sankranti is the main festival of Maharashtra as well as India.
- Makar Sankranti is celebrated in one form or another across India and Nepal.
- This festival is celebrated when the Sun enters Capricorn in the month of Paush. In the present century, the festival falls on the fourteenth or fifteenth day of the month of January, on which day the Sun leaves the sign of Sagittarius and enters the sign of Capricorn.
- In Tamilnadu, the festival is celebrated as Pongal, while in Karnataka, Kerala, and Andhra Pradesh it is simply called Sankranti.
- The festival of Makar Sankranti is also called Uttarayana in some places.

39. Answer: d

Explanation:

The correct answer is Lavani.

★ Key Points

- "Lavani" is not associated with Jharkhand.
- Lavani is a form of dance that is associated with the state of Maharashtra in India.
- On the other hand, Agni, Phagua, and Mardana Jhumar are traditional dance forms from Jharkhand.
- Agni is a tribal dance of the Santhals in which they dance around a heap of straw, symbolizing the fire god.
- Phagua is another folk dance performed during the festival of Holi.
- Mardana Jhumar is a form of dance performed by men on the festive occasion of Karma.

40. Answer: c

Explanation:

The correct answer is Sonal Mansingh.

★ Key Points

Sonal Mansingh is an Indian classical dancer.

- She is the **Guru of Bharatanatyam and Odissi dancing style**.
- She has been nominated by the President of India to become a Member of Parliament, Rajya Sabha.
- She is the youngest recipient of **Padma Bhushan in 1992** and **Padma Vibhushan in 2003**.
- She started learning Manipuri dance at age four.

- At age seven she started learning Bharatnatyam from various gurus belonging to the Pandanallur school.
- She has "**Praveen**" and "**Kovid**" degrees in Sanskrit from Bharatiya Vidya Bhavan.
- In **November 2019**, Sonal Mansingh was felicitated with **Lifetime Achievement Award**.
- In **2018**, she was honored with **Sangeet Natak Akademi Fellowship**.
- The Choreographies of Sonal are:
 - Indradhanush
 - Manavatta
 - Mera Bharat
 - Draupadi
 - Gita Govinda
 - Sabras

41. **Answer: c**

Explanation:

Given Data:

The ratio of weights of Ram, Shyam, and Mohan: 7 : 8 : 5

The average weight of Ram, Shyam, and Mohan: 80 kg

Concept Used: Ratio and Proportion, and Average Formula

Solution:

Total ratio units = 7 + 8 + 5 = 20 units

Total weight of Ram, Shyam, and Mohan = 80 kg x 3 = 240 kg

Weight of one ratio unit = 240 kg / 20 units = 12 kg/unit

Combined weight of Ram and Shyam = (7 units + 8 units) x 12 kg/unit = 180 kg

Average weight of Ram and Shyam = Combined weight / Number of people = $180 \text{ kg} / 2 = 90 \text{ kg}$

Therefore, the average weight of Ram and Shyam is 90 kg.

42. Answer: b

Explanation:

Given Data:

Length of the race: $500 \text{ m} = 0.5 \text{ km}$ (as we're dealing with kmph)

Speed of P : 2 kmph

Head start given to Q: $20 \text{ m} = 0.02 \text{ km}$

Time P beats Q by: $60 \text{ seconds} = 1 \text{ minute} = 1/60 \text{ hours}$

Concept Used: Speed = Distance / Time

Solution:

Time taken by P to complete the race = Distance / Speed = $0.5 \text{ km} / 2 \text{ kmph} = 0.25 \text{ hours}$

Time taken by Q to complete the race = Time taken by P + time P beats Q by = $0.25 \text{ hours} + 1/60 \text{ hours} = 0.267 \text{ hours}$

Distance covered by Q = Total distance - Head start = $0.5 \text{ km} - 0.02 \text{ km} = 0.48 \text{ km}$

Speed of Q = Distance / Time = $0.48 \text{ km} / 0.267 \text{ hours} = 1.8 \text{ kmph}$

Hence, the speed of Q is 1.8 kmph.

43. Answer: b

Explanation:

Given

The total score of the batsman: 96 runs

Score from boundaries: $2 \times 4 = 8$ runs

Score from sixes: $6 \times 6 = 36$ runs

Concept Used: Percentage = $(\text{part} / \text{total}) \times 100$

Solution:

Runs made by running between the wickets = Total score - score from boundaries - score from sixes = $96 - 8 - 36 = 52$ runs

Percentage of score made by running = $(52 / 96) \times 100 = 54.16\%$

Therefore, the percentage of his total score that he made by running between the wickets is 54.16%.

44. Answer: d

Explanation:

Given

Cost of painting: ₹1056

Cost per cm^2 of painting: ₹0.30

Slant height (l) of the cone: 36 cm

Concept Used:

Total Surface Area of a Cone = $\pi r(r + l)$

Solution:

$$\text{Total area painted} = \text{Total cost} / \text{Cost per cm}^2 = 1056 / 0.30 = 3520 \text{ cm}^2$$

$$\text{Total surface area of cone} = \pi r(r + l)$$

$$\Rightarrow \pi r(r + l) = 3520$$

$$\Rightarrow 22/7 \times r(r + l) = 3520$$

$$\Rightarrow r^2 + 36r - 1120 = 0$$

$$\Rightarrow r^2 + 56r - 20r - 1120 = 0$$

$$\Rightarrow (r + 56)(r - 20) = 0$$

$$\Rightarrow r = 20 \text{ cm}$$

Therefore, the radius of the cone is 20 cm.

45. Answer: a

Explanation:

Given

Manoj's investment in mutual funds: Rs. 57,695

This investment is 11% of his annual income

Concept Used: Calculation of income based on the percentage

Solution:

Calculate annual income = Investment / (11/100) = Rs. 5,24,500

Monthly income = Annual income / 12 = Rs. 43,708.33

Therefore, Manoj's monthly income is approximately Rs. 43,708.33.

46. Answer: d

Explanation:

Given

Expression: $60 \div 5 \times (9/8 \text{ of } 4/3 \div 3/4 \text{ of } 2/3)$

Concept Used:

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

Solution:

Simplify within the brackets: $9/8 \text{ of } 4/3 \div 3/4 \text{ of } 2/3 = 6/2 = 3$

Evaluate the expression: $60 \div 5 \times 3 = 36$

Hence, the value of the expression is 36.

47. Answer: a

Explanation:

Given

9 persons can do a job in 18 days

18 persons have twice the efficiency

Concept Used:

Work = Number of persons x Efficiency x Time

Solution:

Total work = 9 persons x 1 (efficiency) x 18 days = 162 person-days

Time taken by 18 persons with twice the efficiency = Total work / (18 persons x 2 (efficiency)) = 162 person-days / 36 = 9/2 days

Therefore, 18 persons with twice the efficiency can do the same job in 9/2 days.

48. Answer: b

Explanation:

Given:

A sphere of radius 6 m is cut into two equal halves

Formula used:

Volume of sphere = $\frac{4}{3} \pi r^3$

Calculations:

According to the question,

$$\text{Volume} = \frac{4}{3} \times \pi \times (6)^3$$

$$\Rightarrow \text{Volume} = 4 \times \pi \times (6)^2 \times 2$$

$$\Rightarrow \text{Volume} = 4 \times \pi \times 72$$

$$\Rightarrow \text{Volume} = 288\pi \text{ m}^3$$

Since the sphere is cut in two equal halves then, volume of each sphere = $(288\pi)/2$
= $144\pi \text{ m}^3$

$$\Rightarrow 144 \times 22/7 = 452.57 \text{ m}^3$$

\therefore The volume of each hemisphere so formed is 452.57 m^3 .

49. Answer: b

Explanation:

Given

The marked price of the toy: Rs. 1,600

First discount: 10%

Second cash discount: 10%

Concept Used:

Successive Discounts Formula: If two discounts of $x\%$ and $y\%$ are given, then the equivalent single discount is given by: $x + y - xy/100$

Solution:

First discount price = 90% of marked price = $90/100 \times 1600 = \text{Rs. } 1440$

Selling price after second discount = 90% of first discount price = $90/100 \times 1440 = \text{Rs. } 1296$

Hence, the selling price of the toy is Rs. 1296.

50. Answer: a

Explanation:

Given

The current value of the house: ₹40,00,000

Depreciation rate: 10% per year

Concept Used:

Depreciation = Original cost x (Depreciation Rate/100) x Time

Solution:

Value after first year = ₹40,00,000 - (₹40,00,000 x (10/100)) = ₹36,00,000

Value after second year = ₹36,00,000 - (₹36,00,000 x (10/100)) = ₹32,40,000

Value after third year = ₹32,40,000 - (₹32,40,000 x (10/100)) = ₹29,16,000

Therefore, the value of the house after three years is ₹29,16,000.

51. Answer: b**Explanation:****Given:**

The original weight = 80 g

The weight for selling = 100 g

Concept:

$P = SP - CP$ Where, P = Profit, SP = Selling price, and CP = Cost price

Calculation:

Let the profit % be X

The cost price for the weight = 80 g

The selling price for the weight = 100 g

According to the questions

$$\Rightarrow X = \frac{100-80}{80} \times 100 = \frac{20}{80} \times 100 = 25\%$$

\therefore The required result will be 25%

52. Answer: a

Explanation:

Given:

1st Proportional $p = s^3$

2nd Proportional $q = s^2t$

3rd Proportional $r = st^2$

Formula Used:

4th Proportional $s = \frac{qr}{p}$

Calculations:

According to the formula,

$$\Rightarrow \text{4th Proportional} = (s^2 t \times st^2) / s^3$$

$$\Rightarrow \text{4th Proportional} = t^3$$

\therefore The fourth proportion is t^3 .

53. Answer: d

Explanation:

Given:

Suman and Arun together can finish a piece of work in 96 days.

Arun and Rahul in 48 days.

Rahul and Suman in 80 days.

Concept Used:

Total work = Time × Efficiency

Calculation:

Total work = LCM(96, 48, 80) = 480

Efficiency of Suman and Arun together = $480/96 = 5$

Efficiency of Arun and Rahul = $480/48 = 10$

Efficiency of Rahul and Suman = $480/80 = 6$

Efficiency of Suman, Arun and Suman together = $(5 + 10 + 6)/2 = 21/2$

Total work completed by all three of them together = $480/(21/2)$

$\Rightarrow (160 \times 2)/7 = 45.7$ or approx 46 days

Therefore, Rahul, Suman, and Arun jointly can finish the same work in approximately 46 days.

54. Answer: d

Explanation:

Given:

A shop offers a 12% discount on the marked price.

It offers a successive discount of 10% and the owner still earns a profit of 5%.

Concept Used:

$$\text{Selling Price} = \text{Marked Price} \times (100 - \text{Discount\%})/100$$

$$\text{Cost Price} = \text{Selling Price} \times 100/(100 + \text{Profit\%})$$

Calculation:

Let the marked price be Rs. 100.

$$\text{Selling Price after 2 successive discounts} = 100 \times 88/100 \times 90/100 = \text{Rs. } 396/5$$

The owner still earns a profit of 5%.

$$\text{Cost Price} = 396/5 \times 100/105 = \text{Rs. } 528/7 = \text{Rs. } 75.4$$

If only 4% successive discount is offered with regular discount.

$$SP_1 = 100 \times 88/100 \times 96/100 = \text{Rs. } 84.48$$

$$\text{Profit} = \text{SP} - \text{CP}$$

$$84.48 - 75.4 = \text{Rs. } 9.08$$

$$\text{Profit\%} = \text{Profit}/\text{CP} \times 100$$

$$9.08/75.4 \times 100 = \text{Rs. } 12\% \text{ (approx)}$$

Therefore, the profit in percentage if only 4% successive discount is offered with regular discount is 12%.

55. Answer: c**Explanation:**

Given

The average weight of 10 persons increases by 7.9 kg

The weight of the person replaced is 20 kg

Concept Used:

Weight of new person = Old average + increase in average x number of people

Solution:

Weight of new person = 20 kg + 7.9 kg x 10 = 99 kg

Therefore, the weight of the new person is 99 kg.

56. Answer: a

Explanation:

Given

Anand's speed in still water: 8 km/h

The time taken to row up is thrice the time taken to row down

Concept Used:

Speed of stream = $\frac{1}{2}[(\text{Speed in downstream}) - (\text{Speed in upstream})]$

Solution:

Let's assume the speed of the stream is x km/h.

Speed downstream = (Speed of Anand + Speed of stream) = (8 + x) km/h

Speed upstream = (Speed of Anand - Speed of stream) = (8 - x) km/h

Since the time taken to row up is three times the time taken to row down, the speed downstream is three times the speed upstream.

Therefore, $(8 + x) = 3 \times (8 - x)$

$$\Rightarrow 8 + x = 24 - 3x$$

$$\Rightarrow 4x = 16$$

$$\Rightarrow x = 4$$

Therefore, the speed of the stream is 4 km/h.

57. Answer: a

Explanation:

Given

$$5x^2, 3xy$$

Concept Used:

Third Proportional. If $a : b = b : c$, then c is called the third proportional to a and b .

Solution:

Here, $5x^2 : 3xy$ as $3xy : ?$.

The third proportional is $(3xy)^2 / 5x^2 = 9x^2y^2 / 5x^2 = 9/5 y^2$.

Therefore, third proportional is $9y^2/5$.

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58. Answer: c

Explanation:

Given:

The compound interest, compounded annually, for the second year at 20% per annum is Rs.1,300.

Calculation:

Since the compound interest obtained for 2nd year is Rs. 1300

That means it is the simple interest on the principal of 2nd year which is (Main principal + Interest of 1st year)

$$\Rightarrow 1300 = [\text{Principal of 2}^{\text{nd}} \text{ year}] \times 20/100$$

$$\Rightarrow [\text{Principal of 2}^{\text{nd}} \text{ year}] = 6500$$

We know that,

$$[\text{Principal of 2}^{\text{nd}} \text{ year}] = \text{Main principal} + \text{Interest of 1}^{\text{st}} \text{ year}$$

Suppose the main principal is P

$$\Rightarrow P + [P \times 20 \times 1] / 100 = 6500$$

$$\Rightarrow 1.2P = 6500$$

$$\Rightarrow P = 5416$$

$$\therefore \text{Principal amount} = \text{Rs. 5416}$$

59. Answer: a

Explanation:

Given

Circular track length: 3.6 km

Speed of the first car: 72 kmph

Speed of the second car: 90 kmph

Concept Used:

Time = Distance / Speed

Solution:

The time it takes for two objects moving at different speeds to meet again on a circular track is equal to the time it takes for the faster object to lap the slower one.

The relative speed of the cars is $90 \text{ kmph} - 72 \text{ kmph} = 18 \text{ kmph}$.

The time it takes for the faster car to lap the slower car is $3.6 \text{ km} / 18 \text{ kmph} = 0.2 \text{ hours} = 12 \text{ minutes}$.

Therefore, the cars will meet again at 12:12 PM.

60. Answer: a

Explanation:

Given

The selling price of oil: ₹200 per litre

Purchase price: ₹160 per litre

Quantity of oil given: 800 ml

Concept Used:

Profit percentage = $(\text{Selling price} - \text{Cost price}) / \text{Cost price} \times 100$

Solution

Here, the shopkeeper claims to sell the oil at ₹200 per litre, but in reality, he is only providing 800 ml of oil.

Therefore, his effective selling price is actually ₹250 per litre (since ₹200 for 800 ml implies ₹250 for 1000 ml or 1 litre).

So, the profit per litre of oil sold is $₹250 - ₹160 = ₹90$.

Therefore, the profit percentage is $(₹90 / ₹160) \times 100 = 56.25\%$.

61. Answer: b

Explanation:

The correct answer is 'Option 2'

★ Key Points

- 'Hand in glove' is an idiom that means in close cooperation or in an intimate relationship.
 - **Example:** The marketing and sales teams worked hand in glove to increase the profits of the company.

Therefore, the **correct answer** is- Option 2: '*To be in close association*'.

★ Additional Information

- 'To have a liking for each other' (Option 1) is usually used to indicate affection or friendship between two individuals.
- 'In keeping with' (Option 3) means in accordance with something.
- 'To progress at equal rate' (Option 4) indicates moving forward or advancing at a similar pace.

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62. Answer: d

Explanation:

The correct answer is 'Option 4'

★ Key Points

- 'Adjudicate' is the correctly spelled word. It means to make a formal judgment or decision about a problem or a disputed matter.
 - **Example:** The council will adjudicate on the planning application at its next meeting.

Therefore, the **correct answer** is- Option 4: '**Adjudicate**'.

★ Additional Information

- 'Addjudicate' (Option 1), 'Adjjudicate' (Option 2), and 'Adjudiccate' (Option 3) are mis-spelled and do not exist in English.

63. **Answer: a**

Explanation:

The correct answer is '**Option 1**'.

★ Key Points

- '**Timid**' describes someone who is shy and lacking in self-confidence.
 - **Example:** He was always timid and dreaded public speaking.
- '**Fearful**' is a synonym of 'timid' and refers to someone who is frightened or afraid.
 - **Example:** He was fearful of the dark.

Therefore, the **correct answer** is- Option 1: '**Fearful**'.

★ Additional Information

- '**Bold**' (Option 2) refers to someone who is strong, confident, and courageous and is hence an antonym of 'timid'.
- '**Adventurous**' (Option 3) describes a person who is willing to take risks or to try out new methods, ideas, or experiences.
- '**Forthcoming**' (Option 4) can refer to someone who is open, honest, and direct.

64. **Answer: d**

Explanation:

The correct answer is 'Option 4'

★ Key Points

- 'Disdain' refers to the feeling of strong dislike or disapproval for something or someone you consider unworthy of your notice or respect.
 - **Example:** He looked at the untidy room with disdain.
- 'Respect' is the opposite of 'disdain'. It denotes a feeling of deep admiration for someone elicited by their abilities, qualities, or achievements.
 - **Example:** Students should have respect for their teachers.

Therefore, the **correct answer** is- Option 4: '**Respect**'.

★ Additional Information

- 'Antipathy' (Option 1) means a deep-seated feeling of dislike or aversion, which is similar to disdain.
- 'Scorn' (Option 2) and 'Dislike' (Option 3), also similar in meaning to disdain, indicate less intense negative feelings.

65. Answer: d

Explanation:

The correct answer is 'Option 4'.

★ Key Points

- 'Declining' refers to the act of becoming less in quantity, importance, quality, or strength.
 - **Example:** The declining health of the old man made everyone worried.
- 'Decreasing' is a synonym for 'declining', implying something becoming less in size, amount, or degree.
 - **Example:** The decreasing population of certain species is an environmental concern.

Therefore, the **correct answer** is- Option 4: '**Decreasing**'.

★ Additional Information

- 'Extending' (Option 1) refers to increasing in size, volume, quantity, or scope or making something longer.
- 'Exalting' (Option 2) refers to thinking or speaking very highly of, glorifying, or praising.
- 'Increasing' (Option 3) is the antonym of 'declining' and refers to something becoming larger or greater in size, amount, intensity, or degree.

66. Answer: a

Explanation:

The correct answer is 'Option 1'

★ Key Points

- The error in this sentence lies in the segment "he was old now".
- The verb 'was' is in the wrong tense considering the rest of the sentence.
- As the first part of the sentence "The blind man can perform" is in present tense, the verb 'was' should be replaced with 'is' to maintain the present tense throughout the sentence.
- Therefore, the **corrected sentence** should read: "The blind man can perform wonderfully well even though he is old now."

Therefore, the **correct answer** is - Option 1

★ Additional Information

- Options 2, 3 and 4 ("wonderfully well even though", "The blind man can perform", and "wonderfully well even though") have no error in them as these parts are grammatically correct.

67. Answer: b

Explanation:

The correct answer is 'Option 2'

★ Key Points

- 'Bounce something off someone' is an idiom that signifies discussing ideas or plans with someone to get their feedback or opinion.
 - **Example:** Before we commit to this plan, let's bounce it off the rest of the team.

Therefore, the **correct answer** is- Option 2: 'Discuss ideas with someone to get their views.'

★ Additional Information

- 'Distribute materials to the poor and needy' (**Option 1**) is a philanthropic act; it's not related to the given idiom.
- 'Select members for something without their consent' (**Option 3**) refers to a non-consensual decision but doesn't match the meaning of the idiom.
- 'Throw stones at others without any reason' (**Option 4**) is a literal action and isn't an idiomatic expression like 'bounce something off someone'.

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68. Answer: a

Explanation:

The correct answer is 'Option 1'

★ Key Points

- The phrase "which happened besides the recording" is incorrect because "besides" implies "in addition to" which doesn't make sense in this context.
- The **correct preposition** should be "during", indicating that the power failure happened while the recording was going on.

- Therefore, the **correct sentence** should read: *"An unexpected power failure which happened during the recording disheartened all of them."*

Therefore, the **correct answer** is - **Option 1**

★ Additional Information

- Options 2, 3, and 4 ("happened until the recording", "happened among the recording", and "happen between the recording") incorrectly use prepositions that do not fit the circumstances described in the sentence.

69. **Answer: a**

Explanation:

The correct answer is 'Option 1'

★ Key Points

- **'Valiant'** describes someone who shows courage or determination.
 - **Example:** The valiant soldiers fought bravely in the war.
- **'Cowardly'** refers to someone lacking courage, making it an antonym of 'valiant'.
 - **Example:** The cowardly thief ran away when he saw the security guard.

Therefore, the **correct answer** is- Option 1: **'Cowardly'**.

★ Additional Information

- **'Similar'** (Option 2) refers to the likeness or resemblance of two or more entities.
- **'Heroic'** (Option 3) refers to behaving or doing something as a hero would, which aligns with 'valiant'.
- **'Dull'** (Option 4) refers to lacking interest or excitement, which doesn't really pertain to the context of 'valiant'.

70. Answer: b

Explanation:

The correct answer is '**Valour**'.

★ Key Points

- '**Courage**' is the ability to do something that frightens oneself; it's about bravery.
 - **Example:** Firefighters showed great courage when they entered the burning building.
- '**Valour**' is a synonym for 'courage' and refers to great bravery, especially in battle or war.
 - **Example:** The soldiers were awarded medals for their valour in the operation.

Therefore, the correct answer is '**Option 2**'.

★ Additional Information

- '**Anchor**' in most senses, refers to a device used to secure firmly to the sea floor, a source of stability or security, or to secure something in place.
- '**Candour**' refers to the quality of being open and honest.
- '**Timidity**' is the state of being shy or lacking in confidence, which is the opposite of bravery or courage.

71. Answer: c

Explanation:

The correct answer is '**Option 3**'

★ Key Points

- In the context of this sentence, the doctor would need to give an antidote to counteract the snake venom.
- Hence, "**antidote**" is the most appropriate word.
- Therefore, the **correct sentence** should read: "*He fell unconscious due to a snake bite, so the doctor quickly gave him the antidote.*"

Therefore, the **correct answer** is - **Option 3**

★ Additional Information

- Options 1, 2 and 4 ("the antibiotic", "the antigen", and "the antiquary") are inappropriate.
- An "**antibiotic**" is used to fight bacterial infections, an "**antigen**" is a substance that promotes the production of antibodies, and an "**antiquary**" is a person who collects or studies ancient artifacts, none of which are helpful in a situation involving a snakebite.

72. **Answer: b**

Explanation:

The correct answer is '**Option 2**'

★ Key Points

- '**Lugage**' in the given sentence is incorrectly spelled.
- The correct spelling is '**Luggage**'.
 - **Example:** He packed his luggage for the trip.

Therefore, the **correct answer** is- Option 2: '**Luggage**'.

★ Additional Information

- 'Laggage' (Option 1), 'Lugaze' (Option 3), and 'Lagage' (Option 4) are all misspelled and do not exist in the English language.

73. Answer: d

Explanation:

The correct answer is 'Option 4'

★ Key Points

- The blank spaces need to be filled with homonyms that are contextually meaningful in the sentence.
- In the first blank, "**addressed**" fits in as it means the Prime Minister spoke to the nation.
- In the second blank, "**address**" fits in.
- In this context, "address" means the location or way to reach or communicate with the traitors.
- Therefore, the **correct sentence** should read: *"The Prime Minister addressed the nation asking for the address of the traitors."*

Therefore, the **correct answer** is - Option 4

★ Additional Information

- Options 1, 2, and 3 ("meant, mean", "address, addressed", "mean, meant") are incorrect as they do not fit the sentence both grammatically and contextually.

74. Answer: c

Explanation:

The correct answer is 'Option 3'

★ Key Points

- The word "**right**" is the most suitable to complete the sentence.

- It **indicates** that someone or something is correct or suitable in a particular situation.
- Here, saying "**he is the right person for this job**" means that he is ideally suited or perfectly fits the requirements of the job.

Therefore, the **correct answer** is – **Option 3**

★ Additional Information

- Options 1, 2, and 4 ("write", "rite", "wright") are homonyms of 'right', but none of them correctly fit the context.
- "**Write**" pertains to the act of writing, "**rite**" refers to a religious or other ceremonial act, and "**wright**" is a worker who constructs something, typically a carpenter or shipbuilder.

75. **Answer: c**

Explanation:

The correct answer is '**Option 3**'

★ Key Points

- The phrase "**(country pay little attention)**" is incorrect because 'country', a singular noun, doesn't agree with the plural verb 'pay'.
- The plural noun '**countries**' should replace 'country' in this context because of the plural verb '**pay**'.
- This sentence implies that people across multiple temperate countries pay little attention to the mangroves.
- The sentence should be "*People in temperate countries pay little attention to mangroves.*"

Therefore, the **correct answer** is – **Option 3**

★ Additional Information

- Options 1, 2, and 4 ("country pays little attention", "countries pays little attention", "country paid little attention") are incorrect. They don't use the correct plural form 'countries' to match with the plural verb 'pay' or misuse the past tense 'paid'.

76. **Answer: c**

Explanation:

The **correct answer** is - 'Ornamented'

★ Key Points

- The term '**ornamented**' in the context of the sentence refers to the detailed designs or decorations that were used to enhance the exterior of religious monuments for many centuries.
- Stone sculptures and reliefs are forms of ornamentation used to beautify and detail structures, especially in the historical and artistic context mentioned in the passage.
- **Given the context of the passage**, which discusses the arts (sculpture and relief) in relation to religious monuments, '**ornamented**' is the most appropriate word to fill in the blank.
- The usage of the word '**ornamented**' **suggests** the artistic effort and skill involved in the creation of these sculptures and reliefs, fitting with the aesthetical and cultural significance of these monuments.

Therefore, the **correct answer** is 'Ornamented'.

★ Additional Information

- **Monitored:** To monitor means to observe and check something over a period of time. This word does not fit in the context of the passage, which speaks of the use of sculptures and reliefs on monuments, not their oversight or management.
- **Overshadowed:** 'Overshadowed' implies that something is less noticeable or important compared to something else. In this context, it would suggest that

the sculptures and reliefs were less important than the monuments themselves, which contradicts the information given in the rest of the text.

- **Ruined:** This word suggests that something has been destroyed or severely damaged, which also doesn't fit with the context, as the passage discusses the use and significance of sculptures and reliefs in enhancing monuments, not damaging them.

77. Answer: d

Explanation:

The **correct answer** is - 'Temples'

★ Key Points

- The **passage speaks about** sculptures in a religious context, the monuments of which are beautified by the same, which supports the word '**temples**' as the appropriate fit.
- The kings and queens of the Chola dynasty were patrons of great Hindu establishments, like temples, which were decorated with marvelous bronze sculptures.
- In a religious context like the one presented in the passage, '**temples**' is the best fit as it directly relates to the many forms of art and devotion described.
- Temples are associated with worship and reverence, where sculptures of deities might be found, which aligns with the later description of bronze sculptures being worshipped in the temple context.

Therefore, the **correct answer** is '**Temples**'.

★ Additional Information

- **Regulations:** This word would suggest rules or directives, which is not the context provided by this passage.
- **Saints:** Saints are typically individuals associated with significant religious virtues or miracles, and although they can be patrons of religious institutions, it

doesn't fit with the context of external ornamentation and worship of gods through sculptures.

- **States:** States refers typically to a politically defined territory. While states can have important religious monuments, it would not be fitting in a close context that implies worship and reverence, like the one described in the passage.

78. Answer: d

Explanation:

The correct answer is - 'Processions'

★ Key Points

- 'Processions' is the appropriate fit for the blank as it describes a group or line of people or vehicles moving forward in a formal and orderly way, which aligns with the context of the sentence where the sculptures were carried through the streets.
- **Temples and religious festivals often feature** processions that include sacred statues or symbols, reinforcing the appropriateness of this word.
- Processions are typically associated with celebrations and public demonstrations which is consistent with the religious festivals mentioned in the context.
- The mention of 'carried through the streets' further hints at 'processions,' because 'to be carried through the streets' is a common description of how processions function.

Therefore, the correct answer is 'Processions'.

★ Additional Information

- **Vessels:** A vessel is a container for holding something, or can be a ship or large boat. Neither meaning fits well with the context of something being carried through the streets during a festival.
- **Competitions:** A competition is a contest between participants. It bears no relation to the context of the passage which talks about religious festivals and

carrying of sculptures through the streets.

- **Patterns:** Patterns typically refer to repeated decorative designs or a regular and intelligible form or sequence discernible in certain actions or situations. They don't make sense in the context of being part of a religious festival where sculptures are carried through the streets.

79. Answer: a

Explanation:

The correct answer is - 'Occur'

★ Key Points

- The best word that fits the context of sentence 4 is '**occur**', as it correctly alludes to the ongoing presence and happening of these great temple festivals in India.
- '**Occur**' is a neutral term that suggests the festivals are still taking place, or happening, which aligns perfectly with the context.
- This **word is typically used to** denote the happening of an event, fitting well with the situation being described - the holding of temple festivals.
- The use of '**still**' before the blank prompts for a verb that describes an ongoing action or event - 'occur' is the most suitable answer in this respect.

Therefore, the correct answer is '**Occur**'.

★ Additional Information

- **Accede:** This term generally means to agree to a demand, proposal or request, or to take office. In this context, 'accede' does not make sense as the festivals are events that take place, not requests or proposals.
- **Herald:** The term 'herald' ideally signifies to announce or signal that something is approaching. While the festivals can be said to signal religious devotion, 'herald' would not mean that the festivals themselves are currently taking place.

- **Inspire:** To inspire means to excite, encourage, or stimulate into action. While the festivals may indeed inspire devotion, the word 'inspire' would not indicate the occurrence of the festivals themselves.

80. Answer: d

Explanation:

The correct answer is - 'Central'

★ Key Points

- '**Central**' is the most suited word for this context, signifying that the ideas were integral or crucial to the 'Bhakti' movement, a personal and emotional experience of divinity.
- The Bhakti movement represented a shift towards more personal forms of spiritual devotion. Meaning that the idea of a more intimate, emotional relationship with the gods would have been a 'central' aspect of this movement.
- '**Central**' implies importance and relevance, both of which are required in this context, given the significant role that these beliefs played in the Bhakti movement.
- The rest of the paragraph speaks about a personalized connection to deities, which makes the idea 'central' to the Bhakti movement.

Therefore, the correct answer is '**Central**'.

★ Additional Information

- **Analogous:** This means similar or comparable in some way, but does not carry the connotation of importance or key role in a context or movement, which is needed in this instance.
- **Foreign:** Typically this term implies unfamiliar or not native, which contradicts the logic of the passage as it discusses how the emotionally attached nature of the belief system was the driving force of the Bhakti movement.

- **Contrary:** Something contrary is opposite in nature, direction, or meaning. It suggests a conflict with or contradiction of the Bhakti movement, which does not fit with the context provided.

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