

Prepp

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



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

SSC GD Constable 2021 (English) Prev. Year Paper (03-Dec-2021) (Shift 1)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

Instructions

Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	General Intelligence and Reasoning	25	25	0.25	1
2	General Knowledge and General Awareness	25	25	0.25	1
3	Elementary Mathematics	25	25	0.25	1
4	English	25	25	0.25	1

- 1.) A total of 90 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. In a certain code language, 'DESERT' is coded as '415163' and 'ARMY' is coded as 2687'. How will 'SMART' be coded in that language? (+1, -0.25)
- a. 58263
 - b. 58436
 - c. 58143
 - d. 28563
-
2. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. (+1, -0.25)
- 1. Favourite
 - 2. Favourable
 - 3. Favoured
 - 4. Favouritism
 - 5. Favourably
- a. 1, 3, 1, 4, 2, 5
 - b. 1, 3, 4, 5, 2
 - c. 2, 1, 3, 4, 5
 - d. 2, 5, 3, 1, 4
-
3. Select the number from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)
- 9, 13, 52, 56, 224, 228, ?

- a. 1331
- b. 912
- c. 729
- d. 522

4. Select the combination of letters that when sequentially placed in the blanks of the given series will complete the sequence. (+1, -0.25)

kg_pg_kgt_gnk_tpg_kg_p_n

- a. t, n, p, g, n, t, g
- b. t, n, p, g, g, n, t
- c. t, p, n, n, g, g, t
- d. t, p, n, g, n, g, t

5. In a certain code language, 'FOAMING' is written as 'AOFMGNI'. How will 'BELIEVE' be written in that language? (+1, -0.25)

- a. LEBEIEV
- b. EBILVEE
- c. LEBIEVE
- d. MFCJFWF

6. Select the correct mirror image of the given figure when the mirror is placed to its right side. (+1, -0.25)



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7. Select the number from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

2, 6, 12, 20, 30, ?

- a. 1. 36
- b. 2. 48
- c. 3. 42
- d. 4. 50

8. 'Hydrophobia' is related to 'Water' in the same way as 'Acrophobia' is related to '_____'. (+1, -0.25)

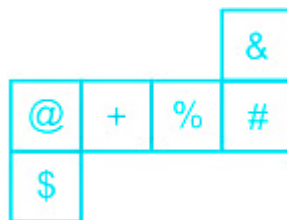
- a. Examination
- b. Darkness
- c. Height
- d. Open spaces

9. If 'A % B' means 'A is the father of B', 'A # B' means 'A is the brother of B', and 'A \$ B' means 'A is the wife of B', then how is K related to R in the given expression? (+1, -0.25)

K \$ H % Y # M # R

- a. Father
- b. Paternal grandmother
- c. Paternal aunt
- d. Mother

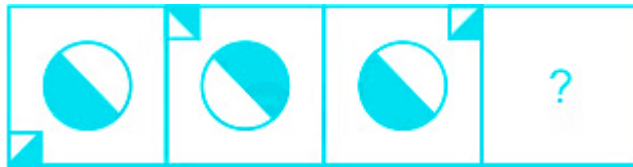
10. A cube is made by folding the given sheet. In the cube so formed, which symbol will be on the face opposite to the face showing '&'? (+1, -0.25)



- a. \$

- b. +
- c. @
- d. #

11. Select the figure among the given options that can replace the question mark (?) in the following series. (+1, -0.25)



- a.
- b.
- c.
- d.

12. Select the option that is related to the third letter-cluster in the same way (+1, -0.25) as the second letter-cluster is related to the first letter-cluster.

YKMP : QNLZ :: SURC : ?

- a. DSVT
- b. DSTR
- c. KXQD
- d. VTSB

13. Six friends, namely Avik, Rishi, Piyush, Sonal, Aashu, and Rohit, are standing in a row facing north. Rishi is standing to the left of Avik and to the right of Piyush. Sonal is standing to the right of Avik and to the left of Aashu. Aashu is standing to the left of Rohit. Which two friends are standing at the centre? (+1, -0.25)

- a. Rishi and Sonal
- b. Rishi and Avik
- c. Aashu and Sonal
- d. Avik and Sonal

14. Read the given statements and conclusions carefully. Assuming that the information given in the statements is true, even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically follow(s) from the statements. (+1, -0.25)

Statements:

1. All chocolates are fruits.
2. All fruits are coconuts.

Conclusions:

- I. Some chocolates are not coconuts.

- II. All chocolates are coconuts.
 - III. Some coconuts are fruits.
- a. Only conclusion I follows
 - b. Only conclusion II follows
 - c. None of the conclusions follow
 - d. Only conclusions II and III follow

15. Select the option in which the numbers are related in the same way as are the numbers in the given set. (+1, -0.25)

(5, 27, 8)

- a. (8, 60, 6)
- b. (4, 54, 6)
- c. (16, 24, 12)
- d. (11, 64, 15)

16. Select the option that is NOT embedded in the given figure (rotation is NOT allowed). (+1, -0.25)



- a.
- b.



c.



d.

17. Select the letter-cluster from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

SPMJ, WTQN, YVSP, ?

a. QNLH

b. QNKH

c. MJGE

d. URPL

18. Six friends, K, L, M, N, O and P, are sitting around a hexagonal shaped table at equal distances between them. K is facing P. O is second to the right of N. N is sitting between K and L. M is to the immediate left of P. Who is sitting to the immediate right of O? (+1, -0.25)

a. M

b. N

c. L

d. P

19. Mr. Gupta is 26 years older than his son Shashank. Shashank's sister Gargi is 4 years younger than Shashank. The age of Mr. Gupta is four times the age of Gargi. What is the age of Shashank? (+1, -0.25)

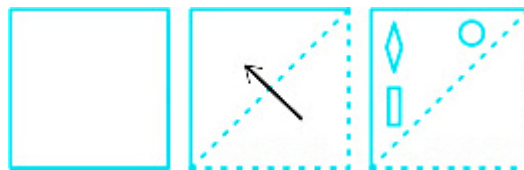
- a. 12 years
- b. 14 years
- c. 18 years
- d. 16 years

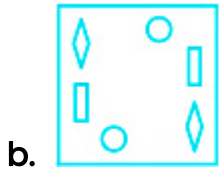
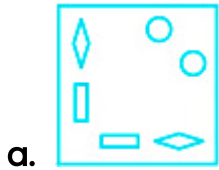
20. Which two numbers should be interchanged to make the given equation correct? (+1, -0.25)

$$15 \times 7 + 40 - 24 \div 8 = 124$$

- a. 7 and 24
- b. 7 and 15
- c. 24 and 8
- d. 24 and 40

21. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded? (+1, -0.25)



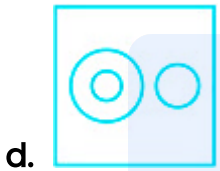
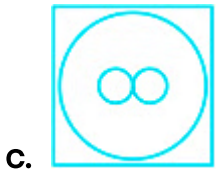
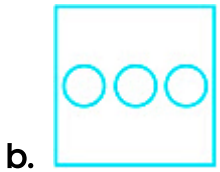


22. In a certain code language, 'FREE' is written as 'AQR' and 'ASTER' is written as DNXRQ'. How will 'STARS' be written in that language? (+1, -0.25)

- a. NXDQN
- b. NADRN
- c. RXYQR
- d. PXDQO

23. Select the Venn diagram that best represents the relationship between the following classes. (+1, -0.25)

State, District, Colony



24. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different. (+1, -0.25)

- a. NGI
- b. PLK
- c. KDF
- d. QJL

25. Select the option that is related to the fourth number in the same way as the first number is related to the second number and the fifth number is related to the sixth number. (+1, -0.25)

126 : 5 :: ? : 4 :: 28 : 3

- a. 82
- b. 65
- c. 17
- d. 37

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General Knowledge and General Awareness

26. With which of the following sports is Duryodhan Singh Negi associated? (+1, -0.25)

- a. Weightlifting
- b. Boxing
- c. Football
- d. Basketball

27. Who among the following wrote the book 'The Alchemist'? (+1, -0.25)

- a. Anthony Doerr
- b. Catherine Burns
- c. Paulo Coelho
- d. Ruskin Bond

28. _____ is an annual allowance for wear and tear of a capital good. (+1, -0.25)

- a. Depression
- b. Depreciation
- c. Acceleration
- d. Appreciation

29. Which finance minister of Mughal emperor Akbar introduced the system of taxation called 'Dahsala'? (+1, -0.25)

- a. Abdur Rahim
 - b. Bairam Khan
 - c. Raja Todar Mal
 - d. Mirza Aziz Koka
-

30. Which of the following taxes has been abolished under Budget of 2020-2021? (+1, -0.25)

- a. Wealth tax
 - b. Securities transaction tax
 - c. Corporate tax
 - d. Dividend distribution tax
-

31. With reference to famous sports personalities, who among the following is a Dutch? (+1, -0.25)

- a. Jacques Kallis
 - b. Johan Cruyff
 - c. Don Bradman
 - d. Pele
-

32. Which of the following monuments is NOT in Uttar Pradesh? (+1, -0.25)

- a. Tomb of Jahangir

- b. Tomb of Akbar
 - c. Tomb of Shaikh Salim Chisti
 - d. Tomb of Itmad-ud-daula
-

33. Which of the following is the traditional dance form of the state of Sikkim? (+1, -0.25)

- a. Mukhauta
 - b. Bhotiya
 - c. Chutkay
 - d. Pandavas
-

34. The arteries divide into smaller vessels. On reaching the tissues, they divide further into extremely thin tubes called: (+1, -0.25)

- a. capillaries
 - b. arterioles
 - c. venules
 - d. veins
-

35. Who among the following became the fastest athlete at the Khelo India Youth Games 2020? (+1, -0.25)

- a. Sandra Babu
- b. Ancy Sojan

- c. Hima Das
 - d. Nirmala Sheoran
-

36. Who among the following is the author of the book 'Sita - Warrior of Mithila'? (+1, -0.25)

- a. Vikram Seth
 - b. Chetan Bhagat
 - c. Amish Tripathi
 - d. Aravind Adiga
-

37. In which of the following states is the National Research Centre on Rapeseed-Mustard located in India? (+1, -0.25)

- a. Haryana
 - b. Gujarat
 - c. Punjab
 - d. Rajasthan
-

38. Who among the following discovered the remains of the Harappan Civilization at the Lothal site? (+1, -0.25)

- a. DR Sahani
- b. RS Bisht
- c. RD Bannerji

d. SR Rao

39. In which year did Nepal abolish monarchy and emerge as a democratic republic? (+1, -0.25)

a. 2005

b. 2008

c. 2010

d. 2013

40. How many states launched 'Swajal' (A community-led approach to rural pipe drinking water supply) as a pilot scheme in February 2018? (+1, -0.25)

a. Two

b. Six

c. Four

d. Eight

41. Which great traveller wrote the book 'The Great Tang Dynasty Record on the Western Regions'?

a. Fa Hien

b. Xuanzang

c. Nicolo Conti

d. Al Beruni

42. Which Indian state won the PATA (Pacific Asia Travel Association) Gold Award Grand Title Winner 2020 for Marketing for Education and Training for its 'Human by Nature Print Campaign'?

(+1, -0.25)

- a. Meghalaya
- b. Kerala
- c. Goa
- d. Sikkim

43. The 'Statue of Unity' is located in _____.

(+1, -0.25)

- a. Patna
- b. Lalitpur
- c. Kevadia
- d. Bhilai

44. The Pravara, Manjira and Maner rivers are the right tributaries of the _____ river.

(+1, -0.25)

- a. Krishna
- b. Kaveri
- c. Narmada
- d. Godavari

45. National Consumer Day in India is observed on: (+1, -0.25)
- a. 05 September
 - b. 24 December
 - c. 22 November
 - d. 01 December
-

46. How much time does a computer built by Google take to perform a computation making it the fastest computer to reach quantum supremacy? (+1, -0.25)
- a. 400 seconds
 - b. 300 seconds
 - c. 200 seconds
 - d. 500 seconds
-

47. Who among the following was appointed as the first Chief Executive Officer (CEO) of The World Health Organization (WHO) Foundation in December 2020? (+1, -0.25)
- a. Tedros Adhanom Ghebreyesus
 - b. Randeep Guleria
 - c. Melinda Gates
 - d. Anil Soni
-

48. Which Amendment abolished the titles and special privileges of former rulers of princely states? (+1, -0.25)
- a. 25th
 - b. 26th
 - c. 27th
 - d. 24th
-

49. In the year 2014, India was officially declared free of which of the following diseases? (+1, -0.25)
- a. Rabies
 - b. Plague
 - c. Tetanus
 - d. Polio
-

50. The ancient Harappan settlements of Dholavira and Lothal are located in the present day Indian state of _____ (+1, -0.25)
- a. Gujarat
 - b. Madhya Pradesh
 - c. Rajasthan
 - d. Haryana
-

Elementary Mathematics

51. A student travelled a distance of 30 km in 3 hours, partly on foot at a speed of 4km/h and the remaining on a bicycle at a speed of 12km/h. The ratio of the distance travelled on foot and that travelled on the bicycle is: (+1, -0.25)

- a. 2 : 3
- b. 3 : 5
- c. 4 : 5
- d. 1 : 9

52. Which of the following is INCORRECT? (+1, -0.25)

OPTIONS	Cost price	Selling price	PROFIT %	LOSS
1	80	96	20%	-----
2	8000	7000	-----	25/2%
3	7812	6786	-----	13%
4	1400	1526	9%	-----

- a. 4
- b. 3

c. 1

d. 2

53. Simplify the following expression.

(+1, -0.25)

$$\frac{5}{7} \text{ of } \frac{2}{5} + \frac{3}{7} - \frac{1}{14} \times 2 \div 1$$

a. 1

b. $\frac{9}{7}$

c. $\frac{6}{7}$

d. $\frac{4}{7}$

54. If $\frac{1}{a} : \frac{1}{7} = \frac{1}{3.43} : \frac{1}{a}$, then what is the value of a?

(+1, -0.25)

a. 6.5

b. 5.6

c. 4.9

d. 7.7

55. A single discount equivalent to a series of successive discounts, 20%, 10% and 15%, is:

(+1, -0.25)

a. 38.8%

b. 37.5%

c. 40%

d. 45%

56. A dealer sells an article by allowing a 13% discount on its marked price and gains 20%. If the cost price of the article is increased by 10%, what discount percentage should he allow now on the same marked price, so as to earn the same percentage of profit as before? (+1, -0.25)

a. 3.7%

b. 2.5%

c. 5.3%

d. 4.3%

57. Sumer bought 6 chairs at the rate of Rs. 800 per chair and a table for Rs. 1,200. He sold all the chairs and the table for Rs. 7,200. What is his gain percentage? (+1, -0.25)

a. 20

b. 25

c. 16.6

d. 22

58. Two pipes can fill a cistern in 12 and 15 hours, respectively, while a third pipe can empty it in 24 hours. If all the pipes are opened simultaneously, in how much time (in hours and to the nearest minute), will the cistern be filled? (+1, -0.25)

a. 9 hours 13 minutes

- b. 9 hours 12 minutes
 - c. 9 hours 10 minutes
 - d. 9 hours 14 minutes
-

59. A rectangular park 14 m long, 8 m wide is surrounded by a path 1 m wide. (+1, -0.25)
What is the area of the path?

- a. 20 m^2
 - b. 30 m^2
 - c. 13 m^2
 - d. 48 m^2
-

60. Sazia's income is 20% less than that of Rehana. Rehana's income is more (+1, -0.25)
than that of Sazia by:

- a. 80%
 - b. 25%
 - c. 75%
 - d. 20%
-

61. Which is the smallest number which when divided by 8, 9 and 10 leaves (+1, -0.25)
remainder 1 in each case?

- a. 360
- b. 361

c. 359

d. 181

62. Four friends A, B, C and D made investments in a business in the ratio 3 : 7 : 9 : 13, respectively. If the share of the profit of C is Rs. 8,910, then what is the total share of the profits of A and B? (+1, -0.25)

a. Rs. 9,900

b. Rs. 11,880

c. Rs. 2,970

d. Rs. 6,930

63. A certain number of sweets can be equally distributed among 10, 20 and 25 children. But if there are 27 children and they are given equal number of sweets, 3 sweets are left. What is the minimum number of such sweets? (+1, -0.25)

a. 200

b. 400

c. 300

d. 100

64. The average marks obtained by 30 students in a Mathematics test, out of 100, is 76. Inadvertently, the marks of one student were written as 56 instead 65 and the marks of another student were written as 84 instead of 48. The correct average is: (+1, -0.25)

- a. 70%
- b. 65%
- c. 75.1%
- d. 80%

65. Amit sells an almirah to Bimal and makes a profit of 10%. Bimal sells the same almirah to Chetan and makes a profit of 10%. If Chetan bought the almirah for Rs. 14,520, what is the cost price of the almirah for Amit? (+1, -0.25)

- a. Rs. 13,000
- b. Rs. 13,200
- c. Rs. 12,100
- d. Rs. 12,000

66. What is the average of the prime numbers lying between 25 and 45? (+1, -0.25)

- a. $36\frac{1}{5}$
- b. $33\frac{8}{9}$
- c. $34\frac{1}{11}$
- d. 36

67. Three years ago, the value of a flat was Rs. 65,00,000. Its value depreciated at the rate of 5%, 4% and 3% at the end of the first, the second and the third year, respectively. What is its present value? (+1, -0.25)

- a. Rs. 59,31,744
- b. Rs. 55,72,320
- c. Rs. 57,50,160
- d. Rs. 53,98,185

68. The value of $(2\frac{6}{7} \text{ of } 4\frac{1}{5} \div \frac{2}{3}) \times 5\frac{1}{9} \div (\frac{3}{4} \times 2\frac{2}{3} \text{ of } \frac{1}{2} \div \frac{1}{4})$ is: (+1, -0.25)

- a. 21
- b. 25
- c. 5
- d. 23

69. One round of a circular park having radius 21 m is the same as that of a (+1, -0.25)
square park. What is the length of the side of the square park?

(Use $\pi = \frac{22}{7}$)

- a. 16.5 m
- b. 21 m
- c. 44 m
- d. 33 m

70. Walking at $\frac{3}{4}$ of this usual speed, a man covers a certain distance in 1 (+1, -0.25)
hour and 40 minutes more than the time he takes to cover the distance

at his usual speed. The time taken (in hours) by him to cover the same distance at his usual speed is:

- a. 3
- b. 5
- c. 4
- d. $\frac{4}{7}$

71. A and B working together can complete a work in 30 days. A alone can complete the same work in 50 days. In how many days can B alone do the same work? (+1, -0.25)

- a. 20
- b. 60
- c. 75
- d. 10

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72. Saurabh spends 20% of his monthly income on the education of his children. He spends 30% of the remaining on conveyance and clothes. Further, he spends 50% of the amount still with him on rent and maintenance of the house. After all the expenditure, he sends 50% of the amount still with him to his parents. He saves the remaining Rs. 11,200. (+1, -0.25)

What is his monthly income?

- a. Rs. 86,000
- b. Rs. 11,200

- c. Rs. 1,00,000
 - d. Rs. 80,000
-

73. What will be the difference in the simple interest and compound interest compounded annually on a sum of Rs. 6,000 in 2 years at the interest rate of 5% per annum? **(+1, -0.25)**

- a. Rs. 35
 - b. Rs. 15
 - c. Rs. 10
 - d. Rs. 30
-

74. The compound interest on a sum of Rs. 10,000 for 3 years at the rate of 8% for the 1st year, 10% for the 2nd year, and 12% for the 3rd year will be: **(+1, -0.25)**

- a. Rs. 3,330.6
 - b. Rs. 3,305.6
 - c. Rs. 3,350.6
 - d. Rs. 3,345.6
-

75. A purse contains some coins in denominations of 1 rupee, 2 rupees and 5 rupees in the ratio 8 : 5 : 3. If the total worth of these coins is Rs. 132, then how many 5-rupee coins are there in the purse? **(+1, -0.25)**

- a. 64
- b. 20

c. 12

d. 32

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English

76. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

Dead body of an animal

- a. Carcass
- b. Cadence
- c. Cadaver
- d. Corpse

77. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. (+1, -0.25)

Poetry can be the voice of our feelings if our minds are speechless with grief or joy.

- a. No substitution required
- b. even when our minds
- c. even our minds
- d. also our minds

78. Select the most appropriate meaning of the given idiom. (+1, -0.25)

Alive and kicking

- a. Healthy and doing well

- b. Strict and non-flexible
 - c. Stout and chubby
 - d. Money earned in return for little work
-

79. The following sentence has been split into four segments. Identify the segment that contains a grammatical error. (+1, -0.25)

She asked her teacher / that if she could / explain that / problem again.

- a. that if she could
 - b. problem again
 - c. She asked her teacher
 - d. explain that
-

80. Select the most appropriate option to fill in the blank. (+1, -0.25)

The doctor's clinic is ----- to my house.

- a. far way
 - b. akin
 - c. adjacent
 - d. adjunct
-

81. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

The branch of science which deals with celestial bodies like stars, planets and natural objects in space

- a. Mythology
 - b. Astronomy
 - c. Meteorology
 - d. Astrology
-

82. Select the most appropriate ANTONYM of the given word. (+1, -0.25)

Dissuade

- a. Discourage
 - b. Counsel
 - c. Persuade
 - d. Prevent
-

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83. Select the most appropriate option to fill in the blank. (+1, -0.25)

Trust is the most important element of a _____ relationship.

- a. kind
 - b. sound
 - c. fit
 - d. humble
-

84. Select the most appropriate meaning of the given idiom.

(+1, -0.25)

From far and wide

- a. From all directions
- b. From a nearby place
- c. From a far off place
- d. From somewhere

85. The following sentence has been split into four segments. Identify the segment that contains a grammatical error.

(+1, -0.25)

I thought the actress / to be she, / but I / was not sure.

- a. to be she
- b. I thought the actress
- c. was not sure
- d. but I

86. Select the most appropriate synonym of the given word.

(+1, -0.25)

Absolutely

- a. Generally
- b. Definitely
- c. Doubtfully
- d. Questionably

87. Select the option that can be used as a one-word substitute for the given group of words. (+1, -0.25)

An imaginary ideal society free of poverty and suffering

- a. Heaven
 - b. Eden
 - c. Paradise
 - d. Utopia
-

88. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'. (+1, -0.25)

She made the children to clean their room properly.

- a. cleaning
 - b. clean
 - c. cleaned
 - d. No substitution required
-

89. Select the most appropriate ANTONYM of the given word. (+1, -0.25)

Abundant

- a. Insufficient
- b. Devious

- c. Timorous
- d. Spacious

90. Select the INCORRECTLY spelt word

(+1, -0.25)

- a. Appliances
- b. Phenomenon
- c. Assosiated
- d. Circuit

91. Select the most appropriate synonym of the given word.

(+1, -0.25)

Turbulent

- a. Ordered
- b. Peaceful
- c. Non-violent
- d. Violent

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

(+1, -0.25)

He _____ a clever plan to safeguard his secret.

- a. created
- b. devised
- c. planned

d. imagined

93. Select the INCORRECTLY spelt word.

(+1, -0.25)

- a. Flore
- b. Flock
- c. Flame
- d. Flood

94. 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, select 'No error' as your answer.

(+1, -0.25)

Radium is one of / the most valuable metal / in the world.

- a. in the world
- b. Radium is one of
- c. No error
- d. the most valuable metal

95. Select the most appropriate option that can substitute the underlined segment in the given sentence. If there is no need to substitute it, select 'No substitution required'.

(+1, -0.25)

She has one younger sister, does she?

- a. hasn't she
- b. haven't she

- c. No substitution required
- d. has she

96. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Producing silk is a (1)_____ process and demands close attention. First, quality feed for the silkworm needs to be (2)_____. Then, the worms need to be carefully hand-reared in controlled environmental (3)_____ till the pupae spin the silk cocoons. The silk is extracted by human hand and (4)_____ woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5)_____ beauty.

Select the most appropriate option to fill in blank no. 1.

- a. worthy
- b. frothy
- c. lengthy
- d. filthy

97. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Producing silk is a (1)_____ process and demands close attention. First, quality feed for the silkworm needs to be (2)_____. Then, the worms need to be carefully hand-reared in controlled environmental (3)_____ till the pupae spin the silk cocoons. The silk is extracted by human hand and (4)_____ woven into fabric. The traditional hand-

loom silk always scores over the power looms in their individuality, character and (5)_____ beauty.

Select the most appropriate option to fill in blank no. 2.

- a. clobbered
- b. chiselled
- c. cultivated
- d. channelled

98. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Producing silk is a (1)_____ process and demands close attention. First, quality feed for the silkworm needs to be (2)_____. Then, the worms need to be carefully hand-reared in controlled environmental (3)_____ till the pupae spin the silk cocoons. The silk is extracted by human hand and (4)_____ woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5)_____ beauty.

Select the most appropriate option to fill in blank no. 3.

- a. exhilarations
- b. felicitations
- c. conditions
- d. obstructions

99. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Producing silk is a (1)_____ process and demands close attention. First, quality feed for the silkworm needs to be (2)_____. Then, the worms need to be carefully hand-reared in controlled environmental (3)_____ till the pupae spin the silk cocoons. The silk is extracted by human hand and (4)_____ woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5)_____ beauty.

Select the most appropriate option to fill in blank no. 4.

- a. but
- b. than
- c. then
- d. only

100. **Direction:** In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. (+1, -0.25)

Producing silk is a (1)_____ process and demands close attention. First, quality feed for the silkworm needs to be (2)_____. Then, the worms need to be carefully hand-reared in controlled environmental (3)_____ till the pupae spin the silk cocoons. The silk is extracted by human hand and (4)_____ woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5)_____ beauty.

Select the most appropriate option to fill in blank no. 5.

- a. classic
- b. dramatic
- c. drastic
- d. arctic

prepp

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Answers

1. Answer: a

Explanation:

The logic followed here is :-

'DESERT' is coded as '415163'.

D	E	S	E	R	T
↓	↓	↓	↓	↓	↓
4	1	5	1	6	3

And

'ARMY' is coded as 2687'.

A	R	M	Y
↓	↓	↓	↓
2	6	8	7

Similarly,

'SMART' will be coded as :

S	M	A	R	T
↓	↓	↓	↓	↓
5	8	2	6	3

Hence, the correct answer is "58263".

2. Answer: d

Explanation:

The arrangement of the given words in the order in which they appear in an English dictionary is as shown below :

2. Favourabl e

5. Favour ably

3. Favour ed

1. Favourit e

4. Favourit ism

Hence, the correct answer is "2, 5, 3, 1, 4".

3. Answer: b

Explanation:

The logic followed here is :-



Hence, the correct answer is "912".

4. Answer: a

Explanation:

Given :- kg_pg_kgt_gnk_tpg_kg_p_n

By checking options and substituting accordingly.

1) t, n, p, g, n, t, g → kg tpg n - kgt pgn - k gtpg n - kg tp gn

- Here, "kgtpgn" is repeated.

2) t, n, p, g, g, n, t → kg tpg n - kgt pgn - k gtpg g - kg np tn

3) t, p, n, n, g, g, t → kg tpg p - kgt ngn - k ntpg g - kg gp tn

4) t, p, n, g, n, g, t → kg tpg p - kgt ngn - k gtpg n - kg gp tn

- Option (1) gives the pattern of :- kg tpg n - kgt pgn - k gtpg n - kg t pgn

Hence, the correct answer is "t, n, p, g, n, t, g".

5. 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

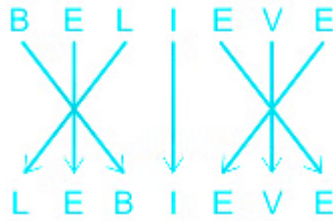
The logic followed here is :-

'FOAMING' is written as 'AOFMNGI'.



Similarly,

'BELIEVE' will be written as :

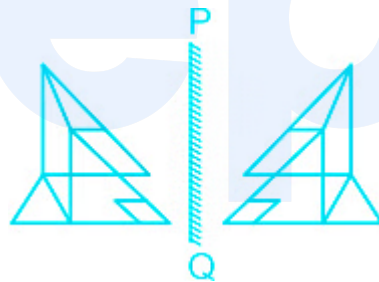


Hence, the correct answer is "LEBIEVE".

6. Answer: a

Explanation:

The correct mirror image of the given combination when the mirror is placed at PQ is as shown below :-



Hence, the correct answer is "Option 1".

7. Answer: c

Explanation:

The logic followed here is :-



Hence, the correct answer is "42".

8. Answer: c

Explanation:

The logic followed here is :-

Hydrophobia means extreme or irrational fear of water.

Similarly,

Acrophobia means extreme or irrational fear of heights.

Hence, the correct answer is "Height".

9. Answer: d

Explanation:

Preparing the family tree using the following symbols:

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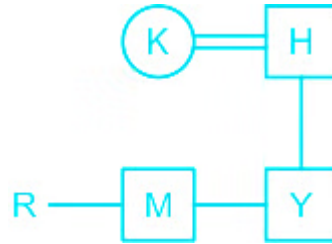
Symbol in Diagram	Meaning
○	Female
□	Male
==	Married Couple
—	Siblings
	Difference of A Generation

According to the given information,

	A is		
Symbol	%	#	\$
Meaning	father	brother	wife
	Of B		

The given expression is :

'K \$ H % Y # M # R' → K is wife of H, H is father of Y, Y is brother of M, M is brother of R.



∴ Here, 'K' is mother of 'R'.

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

10. **Answer: a**

Explanation:

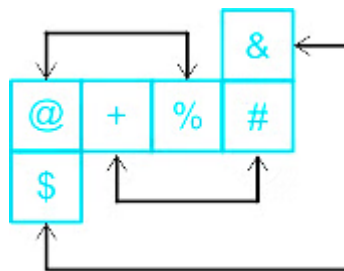
The logic followed here is:

The opposite surface of the open dice can be found by the below method:-

- Alternate surfaces are opposite to each other.
- No two opposite surfaces are touched by side or by corners

So, by using the above rule we can find the opposite surface of open dice.

In the given figure, Opposite faces are :



Symbols	Opposite Symbols
@	%
+	#
\$	&

∴ Here, the opposite face to the face showing '&' is '\$'.

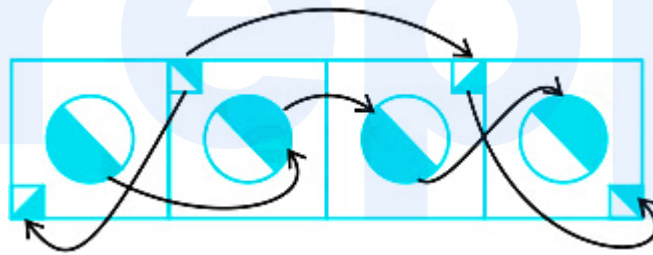
Hence, the correct answer is "\$".

11. Answer: c

Explanation:

The figure that can replace the question mark (?) in the following series is as shown below :

- The square box moves one step clockwise with half part darken and alternatively from figure to figure.
- The circle below half part darken in 1st figure and un darken part is darken in next figure and repeated.



Hence, the correct answer is "Option 3".

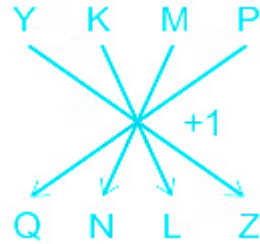
12. Answer: a

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

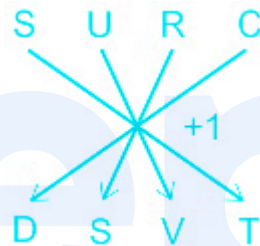
The logic followed here is :-

YKMP : QNLZ



Similarly,

SURC : ?



Hence, the correct answer is "DSVT".

13. Answer: d

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Explanation:

Six friends, namely Avik, Rishi, Piyush, Sonal, Aashu, and Rohit, are standing in a row facing north.

1) Rishi is standing to the left of Avik and to the right of Piyush.



2) Sonal is standing to the right of Avik and to the left of Aashu and Aashu is standing to the left of Rohit.



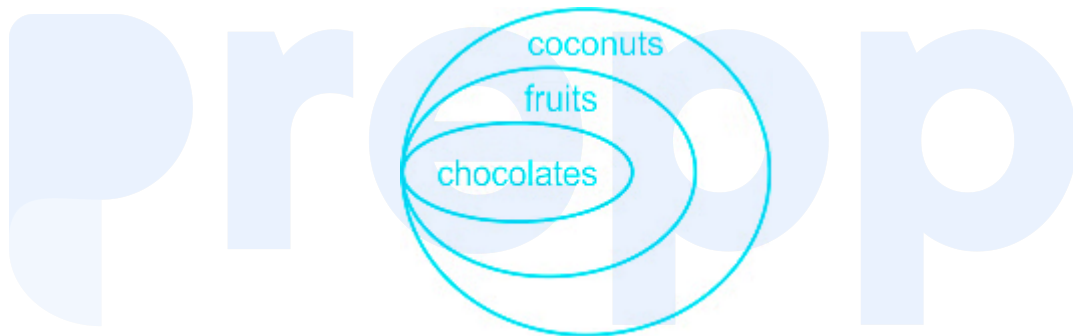
∴ Here, In the row Avika and Sonal are sitting in centre.

Hence, the correct answer is **"Avik and Sonal"**.

14. Answer: d

Explanation:

The least possible Venn diagram for the given statements is as shown below :



Conclusions:

- I. Some chocolates are not coconuts → False (As All chocolates are fruits and All fruits are coconuts so, Some chocolates are not coconuts is false)
- II. All chocolates are coconuts → True (As All chocolates are fruits and All fruits are coconuts so, All chocolates are coconuts is true)
- III. Some coconuts are fruits → True (As All fruits are coconuts so, Some coconuts are fruits is true)

∴ Here, Conclusions II and III are true.

Hence, the correct answer is **"Only conclusions II and III follow"**.

15. Answer: d

Explanation:

The logic followed here is :-

$$(\text{Third number} - \text{First number})^3 = + \text{Second number}$$

$$(5, 27, 8) \rightarrow (8 - 5)^3 = 3^3 = 27$$

$$1) (8, 60, 6) \rightarrow (6 - 8)^3 = -2^3 = -8$$

$$2) (4, 54, 6) \rightarrow (6 - 4)^3 = 2^3 = 8$$

$$3) (16, 24, 12) \rightarrow (12 - 16)^3 = -4^3 = -64$$









$$4) (11, 64, 15) \rightarrow (15 - 11)^3 = 4^3 = 64$$

Hence, the correct answer is "(11, 64, 15)".

16. **Answer: a**

Explanation:

The image not embedded in given figure is as shown below :

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

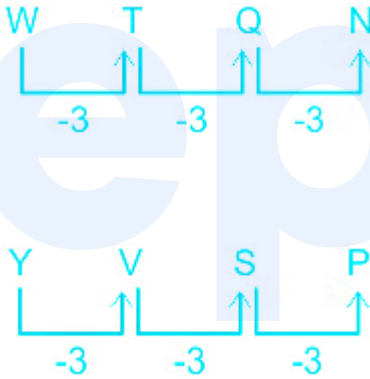
Hence, the correct answer is "Option 1".

17. 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 :-



1) QNLH



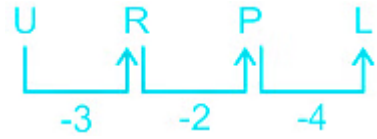
2) QNKH



3) MJGE



4) URPL



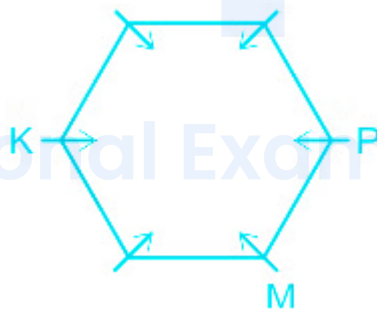
Hence, the correct answer is "QNKH".

18. Answer: a

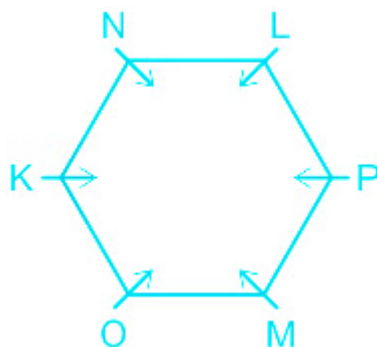
Explanation:

Six friends, K, L, M, N, O and P, are sitting around a hexagonal shaped table at equal distances between them.

1) K is facing P and M is to the immediate left of P.



2) N is sitting between K and L and O is second to the right of N.



\therefore Here, 'M' is sitting to immediate right of 'O'.

Hence, the correct answer is "M".

19. Answer: b

Explanation:

Given,

Mr. Gupta is 26 years older than his son Shashank.

Let us consider Shashank age = X

\Rightarrow Age of Mr. Gupta = X + 26 (1)

Shashank's sister Gargi is 4 years younger than Shashank.

\Rightarrow Age of Gargi = X - 4 (2)

The age of Mr. Gupta is four times the age of Gargi.

\Rightarrow Age of Mr. Gupta = 4 \times Age of Gargi (3)

Substitute equation 1 and 2 in equation 3.

$$\therefore X + 26 = 4(X - 4)$$

$$\Rightarrow X + 26 = 4X - 16$$

$$\Rightarrow 3X = 42$$

$$\Rightarrow X = 14$$

Age of Shashank is X = 14 years.

Hence, the correct answer is "14 years".

20. Answer: d

Explanation:

The logic followed here is :-

By using BODMAS RULE

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

Option 1) : 7 and 24

Given equation : $15 \times 7 + 40 - 24 \div 8 = 124$

After interchanging the number in given equation the equation is as follows : $15 \times 24 + 40 - 7 \div 8 = 124$

$$\Rightarrow 15 \times 24 + 40 - \underline{7 \div 8} = 124$$

$$\Rightarrow \underline{15 \times 24} + 40 - 0.875 = 124$$

$$\Rightarrow \underline{360 + 40} - 0.875 = 124$$

$$\Rightarrow \underline{400 - 0.875} = 124$$

$$\Rightarrow 399.125 \neq 124$$

LHS \neq RHS

Option 2) : 7 and 15

$$\text{Given equation : } 15 \times 7 + 40 - 24 \div 8 = 124$$

After interchanging the number in given equation the equation is as follows : $7 \times 15 + 40 - 24 \div 8 = 124$

$$\Rightarrow 7 \times 15 + 40 - \underline{24 \div 8} = 124$$

$$\Rightarrow \underline{7 \times 15} + 40 - 3 = 124$$

$$\Rightarrow \underline{105 + 40} - 3 = 124$$

$$\Rightarrow \underline{145 - 3} = 124$$

$$\Rightarrow 142 \neq 124$$

LHS \neq RHS

Option 3) : 24 and 8

$$\text{Given equation : } 15 \times 7 + 40 - 24 \div 8 = 124$$

After interchanging the number in given equation the equation is as follows : $15 \times 7 + 40 - 8 \div 24 = 124$

$$\Rightarrow 15 \times 7 + 40 - \underline{8 \div 24} = 124$$

$$\Rightarrow \underline{15 \times 7} + 40 - 0.33 = 124$$

$$\Rightarrow \underline{105 + 40} - 0.33 = 124$$

$$\Rightarrow \underline{145 - 0.33} = 124$$

$$\Rightarrow 144.67 \neq 124$$

LHS \neq RHS

Option 4) : 24 and 40

Given equation : $15 \times 7 + 40 - 24 \div 8 = 124$

After interchanging the number in given equation the equation is as follows : $15 \times 7 + 24 - 40 \div 8 = 124$

$$\Rightarrow 15 \times 7 + 24 - \underline{40 \div 8} = 124$$

$$\Rightarrow \underline{15 \times 7} + 24 - 5 = 124$$

$$\Rightarrow \underline{105 + 24} - 5 = 124$$

$$\Rightarrow \underline{129 - 5} = 124$$

$$\Rightarrow 124 = 124$$

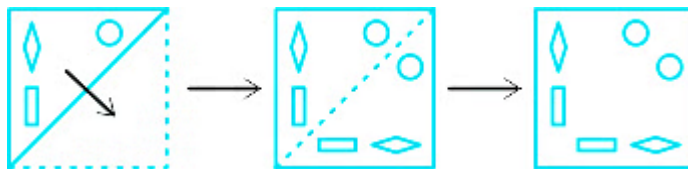
LHS = RHS

Hence, the correct answer is "24 and 40".

21. Answer: a

Explanation:

After unfolding the given paper the figure formed is as shown below :



Hence, the correct answer is "Option 1".

22. Answer: a

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

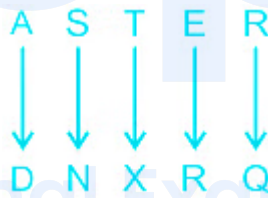
The logic followed here is :-

'FREE' is written as 'AQRR'.



And

'ASTER' is written as DNXRQ'.



Similarly,

'STARS' will be written as :



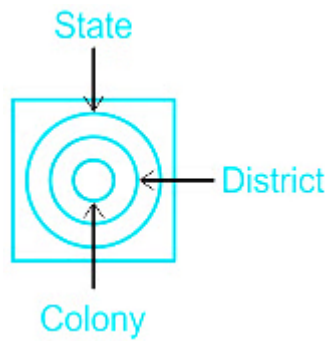
Hence, the correct answer is "NXDQN".

23. Answer: a

Explanation:

The least possible Venn diagram for the given relation is as shown below :

- All Colony are part of a District.
- All Districts are part of State.



Hence, the correct answer is "Option 1".

24. 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 :-

1) NGI



2) PLK



3) KDF



4) QJL



∴ Here, 'PLK' is different from other three alternatives.

Hence, the correct answer is "PLK".

25. Answer: b

Explanation:

The logic followed here is :-

Second number³ + 1 = First number.

- $126 : 5 \rightarrow 5^3 + 1 = 125 + 1 = 126$
- $? : 4 \rightarrow 4^3 + 1 = 64 + 1 = 65$
- $28 : 3 \rightarrow 3^3 + 1 = 27 + 1 = 28$

Hence, the correct answer is "65".

26. Answer: b

Explanation:

The correct answer is Boxing.

★ Key Points

- **Sportsperson Duryodhan Singh Negi** is renowned for **Boxing**.
- He played the first time in **World Boxing Championship**.
- Negi lost to Jordan's Zeyad Eashash in the second round.
- He already had won the **silver medal (69Kg) in the commonwealth games**.

★ Additional Information

- **Boxing** is a combat sport in which two people wearing protective gloves and other protective equipment such as hand wraps and mouthguards, throw punches at each other for a predetermined amount of time in a boxing ring.
- Depiction of boxing comes from a Sumerian relief in Iraq from the 3rd millennium BC.
- Boxers are prohibited from hitting below the belt, holding, tripping, pushing, biting, or spitting.

27. Answer: c

Explanation:

The correct answer is Paulo Coelho.

★ Key Points

- The Alchemist is a novel by Brazilian author **Paulo Coelho** that was first published in **1988**.
- Originally written in **Portuguese**, it became a widely translated international bestseller.
- The Alchemist follows a young Andalusian shepherd in his journey to the pyramids of Egypt, after having a recurring dream of finding a treasure there.

- Paulo Coelho de Souza is a Brazilian lyricist and novelist and a member of the **Brazilian Academy of Letters since 2002**.
- His novel *The Alchemist* became an international best-seller and he has published 28 more books since then.

★ Additional Information

- **Anthony Doerr** is an American author of novels and short stories.
 - He gained widespread recognition for his 2014 novel *All the Light We Cannot See*, which won the Pulitzer Prize for Fiction.
- **Catherine Burns** was an American actress on stage, film, radio and television.
 - She was nominated for an Academy Award for Best Supporting Actress for her performance in *Last Summer*.
- **Ruskin Bond** is an Anglo-Indian author.
 - His first novel, *The Room on the Roof*, was published in 1956, and it received the John Llewellyn Rhys Prize in 1957.

28. Answer: b

Explanation:

The correct answer is Depreciation.

★ Key Points

- **Depreciation** is an annual allowance for wear and tear of a capital good.
- In simple terms means the decrease in the monetary value of an asset because of its wear and tear over the years.
- It may also become obsolete because of technological advancements over the years.
- It refers to determining the monetary value of the asset spread over its useful life years.
- It is the reduction in the value of an asset with the passage of time .
- This decline in value is due to wear and tear deterioration, or obsolescence.

★ Additional Information

- Different methods to calculate depreciation are as follows :
 - Straight-line method → Used for buildings , etc
 - Constant percentage method → Used for electronics equipment etc.
 - Sinking fund method
 - Double decline method
 - Sum of year digit method
- Straight-line method:
 - It is used when the assets lose their value by a fixed amount every year.
 - At the end of the utility period book value becomes equal to salvage value.
 - It is used for all the assets which do not get obsolete during their utility period .
- Constant percentage method:
 - It is used for the assets which lose their value at a constant percentage of their book value.
 - It is most useful for assets that have the probability of obsolescence before their utility period.
 - It can not be used when the salvage value of the asset is zero .
- Double decline method:
 - It is used when assets are assumed to lose their value by a fixed factor of the book value i.e. double the straight-line method.
 - It is used for all the assets which may get obsolete before estimated life .
- Sinking fund method:
 - In this method of depreciation calculation, the amount is the sum of the amount deposited into the sinking fund every year and the amount of interest earned on the accumulated value of the sinking fund at the beginning of the particular year.
- Sum of year digit method:
 - It is used when the asset value is reduced to zero at the end of the utility period.

29. Answer: c

Explanation:

The correct answer is the Raja Todar Mal.

★ Key Points

- Dahsala system
 - Dahsala System or Zabti System was introduced by Raja Todarmal, the able finance minister of Akbar who had honed his skills under his first master Shershah Suri.
 - This system prevailed from Lahore to Allahabad and in the provinces of Malwa and Gujarat.
 - In this system, the average production of ten years was derived. One-third of this average produce was fixed in Rupees per Bigha and fixed as a share of the State (Mal). Rest two-third share was left to the cultivators (Kharaj).
 - It remains a standard system of revenue assessment during the greater part of the Mughal empire.

★ Additional Information

- Raja Todarmal
 - Raja was a successful Diwan and made some significant changes in the revenue system which brought laurels to him.
 - Akbar was very much pleased by the success of labour and their vast knowledge of the revenue system brought name and fame for him the Dahsala system was introduced in A.D. 1580.
- Raja Todar Mal divided all cultivable land into four categories :
 - Polaj: It was the best land cultivated every year.
 - Parauti: It was the land of the second category which was left uncultivated for one year or two so that it could recover its fertility.
 - Chachar: It was left uncultivated for three to four years in order to make it cultivable.

30. Answer: d

Explanation:

The correct answer is Dividend distribution tax.

★ Key Points

- Tax on cooperative societies was to be reduced to **22% plus surcharge and cess as against 30% at present**.
- **Dividend Distribution Tax (DDT)** was abolished under the Budget of 2020-2021.

★ Additional Information

- Changes in Taxation
 - Dividend Distribution Tax (DDT) was removed.
 - Instead of companies paying DDT on the dividend they give out, the dividend income will now be added to the taxable income of the recipient and taxed at the applicable rate.
 - Income Tax
 - New tax slabs and lower income tax rates .
 - Around 70 of the existing exemptions and deductions to be removed in the new simplified regime.
 - New tax regime to be optional - an individual may continue to pay tax as per the old regime and avail deductions and exemptions.
 - Corporate Tax : Concessional corporate tax rate of 15% to new domestic companies in the manufacturing and power sector.
 - 5% health cess to be imposed on imports of medical equipment given these are made significantly in India.
 - Issuance of Unique Registration Numbers to all charity institutions for easy tax compliance.
 - 'Vivad Se Vishwas' scheme, with a deadline of 30th June 2020, to reduce litigations indirect taxes .
 - 100% tax exemption to the interest, dividend and capital gains income on the investment made in infrastructure and priority sectors before 31st March 2024 with a minimum lock-in period of 3 years by the Sovereign Wealth Fund of foreign governments.

31. Answer: b

Explanation:

The correct answer is Johan Cruyff.

★ Key Points

- **Johan Cruyff** was a **Dutch professional** football player and coach.
- He was named **European Footballer of the Year in 1971, 1973 and 1974**.
- He was a key player in the great Netherlands team that reached the 1974 World Cup final.
- He was considered an exceptional manager winning **four Spanish titles and the European Cup** when he was in charge of **Barcelona**.

★ Additional Information

- **Jacques Henry Kallis** is a South African cricket coach and former cricketer.
- **Sir Donald George Bradman**, nicknamed "The Don", was an Australian international cricketer.
- **Edson Arantes do Nascimento, known as Pelé**, is a Brazilian former professional footballer who played as a forward.

32. Answer: a

Explanation:

The correct answer is Tomb of Jahangir.

★ Key Points

- The **Tomb of Jahangir** is a 17th-century mausoleum built for the Mughal Emperor Jahangir.
- The mausoleum dates from 1637 and is located in Shahdara Bagh near the city of **Lahore, Pakistan, along the banks of the Ravi River**.
- Hence it is not in Uttar Pradesh.

★ Important Points

- **Akbar's tomb** is the tomb of the Mughal emperor Akbar.
 - It was built in 1605–1613 by his son Jahangir and is situated on 119 acres of grounds in Sikandra, a sub of **Agra, Uttar Pradesh, India**.
- **The Tomb of Salim Chishti** is famed as one of the finest examples of Mughal architecture in India, built during the years 1580 and 1581, along with the imperial complex at **Fatehpur Sikri, Agra UP**.
- **Tomb of I'timād-ud-Daulah** is a Mughal mausoleum in the city of Agra in the Indian state of **Uttar Pradesh**.

★ Additional Information

- Uttar Pradesh has the maximum number of monuments in India that count a total number of 3,685 monuments.
- The place is known as the ' heartland of India ' due to its cultural heritage and historical relevance.
- Most of the monuments in India are well-maintained by the Archaeological department of India. However, these popular spots foresay the ruthlessness of previous rulers and their impact on them.
- Maharashtra has the maximum number of UNESCO World Heritage Sites.
- There are now 40 World Heritage sites in India , out of which 32 are cultural sites, 7 natural sites, and 1 mixed site.

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33. Answer: c

Explanation:

The correct answer is

Chutkay.



Key Points

- **Chutkay** is the traditional dance form of the state of Sikkim.
- Through this **romantic group dance** , performed by a **group of male and female dancers** , joys of life and feeling of happiness is shared during the

harvesting season and on some other happy occasions.

★ Additional Information

prepp

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State	Folk dances
Andhra Pradesh	Bhamakalpam and Kolattam
Arunachal Pradesh	Wancho
Assam	Bihu, Naga dance
Bihar	Jata-Jatin
Chhattisgarh	Gaur Maria, Kapalik
Gujarat	Garba, Dandiya Raas and Bhavai
Goa	Tarangamel, Koli
Haryana	Jhumar, Phag
Himachal Pradesh	Jhora, Dhaman
Jammu & Kashmir	Kud Dandi Nach
Jharkhand	Agni, Jhumar

State	Folk dances
Karnataka	Yakshagana, Karga
Kerala	Uttam Thullal
Maharashtra	Lavani, Koli
Madhya Pradesh	Jawara, Matki
Manipur	Thang Ta, Lai Haraoba, Pung Cholom
Meghalaya	Nongkrem
Mizoram	Zangtalam, Chailam
Nagaland	Bamboo Dance, Rangma
Odisha	Savari, Ghumara
Punjab	Bhangra, Giddha
Rajasthan	Ghoomar, Kalbelia

	State	Folk dances
34. Answer: a	Tamil Nadu	Kumi, Kolattam, Kavadi
	UP	Nautanki, Raslila
	Uttarakhand	Garhwali, Kumayuni

Explanation:

The correct answer is capillaries.



Key Points

- The arteries divide into smaller vessels. On reaching the tissues, they divide further into extremely thin tubes called **capillaries**.
- Capillaries are delicate blood vessels that exist throughout your body.
- They transport **blood, nutrients and oxygen** to cells in your organs and body systems.
- Capillaries are the **smallest blood vessels in your vascular system**.

★ Additional Information

- **An arteriole** is a very small blood vessel that branches off from your artery and carries blood away from your heart to your tissues and organs.
 - Arterioles are small arteries that link up to capillaries, which are smaller yet.
- **Venules** are the smallest veins and receive blood from capillaries.
 - They also play a role in the exchange of oxygen and nutrients for water products.
- **Veins** are blood vessels located throughout your body that collect oxygen-poor blood and return it to your heart.
 - Veins are part of your circulatory system.

35. Answer: b

Explanation:

The correct answer is Ancy Sojan.

★ Key Points

- **Ancy Sojan** became the fastest athlete at the Khelo India Youth Games 2020.
- Ancy Sojan claimed the under-20 men and women's 200m crowns respectively on the final day of the 36th National Junior Athletics Championships on 10 Feb 2021.

★ Additional Information

- Khelo India Youth Games 2020 was held in Guwahati.
- Winner - Maharashtra
- The champions trophy was handed over to Maharashtra, the first runner-up trophy to Haryana, and the second runner-up trophy to Delhi.
- Khelo India Youth Games is an annual event .
- The first edition was held in 2018 in Delhi.
- The second edition was held in Pune, Maharashtra.

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36. Answer: c

Explanation:

The correct answer is Amish Tripathi.

★ Key Points

- Amish Tripathi is the author of the Indian English Novel 'Sita: Warrior of Mithila' published in 2017.
- The book is based on the epic Ramayana and the story of the Hindu goddess Sita.

- The author has transformed Indian Fiction with a unique combination of mystery, mythology, religious symbolism and philosophy.
- It is the second book of the Ram Chandra Series of Amish Tripathi published in the English language.

★ **Additional Information**

- Some important novels of Amish Tripathi-
 1. The Immortals of Meluha.
 2. Sita: Warrior of Mithila.
 3. The Secret of the Nagas.
 4. The Oath of the Vayuputras.

37. **Answer: d**

Explanation:

The correct answer is Rajasthan.

★ **Key Points**

- National Research Centre on Rapeseed-Mustard is located in **Rajasthan, India**.
- National Research Centre on Rapeseed-Mustard (NRCRM)
 - Founded- October 20, 1993
 - Established By- ICAR
 - Center Location- Sear, Bharatpur

★ **Additional Information**

- Indian Council of Agricultural Research (ICAR)
 - Founded- 16 July 1929
 - Headquarter- New Delhi
 - Organization Body- Autonomous
 - Ministry- The Department of Agricultural Research and Education (DARE), Ministry of Agriculture and Farmers Welfare.

38. Answer: d

Explanation:

The correct answer is SR Rao.

★ Key Points

- **SR Rao** discovered the remains of the Harappan Civilization at the Lothal site.
 - It is a Harappan site located between the Bhogavo and Sabarmati rivers in present-day Gujarat.
 - This city was mathematically planned with streets crossing at right angles and drainage systems.
 - Divided into two parts i.e. the upper town and the lower town.
 - This site is famous for the rectangular basin that was said to be the dockyard.

★ Important Points

- Indus Valley Civilization :
 - It is also known as the Harappan Civilization after the first city to be excavated, Harappa.
 - It dates back to around 2,500 BC in the western part of South Asia.
 - In the 1920s, the Archaeological Department of India unearthed two old cities namely Mohenjodaro and Harappa.
 - Geographically, this civilization covered Punjab, Rajasthan, Sindh, Gujarat, Baluchistan, and Western Uttar Pradesh.

★ Additional Information

- Kalibangan:
 - This Harappan site is located in Rajasthan on the bank of the Ghaggar river.
 - This site was excavated by Ghose in 1953.
 - Important findings from this site are fire alter, camel bones, and a wooden plough.

- Banawali:
 - Located in the Hisar district of Haryana.
 - This site was excavated by R.S Bisht in 1974.
 - This site is famous for beads, barley and shows evidence of both pre-Harappan and Harappan culture.

39. Answer: b

Explanation:

The correct option is 2008.

★ Key Points

- In 2008, the monarchy was abolished and Nepal became a federal democratic republic .
- In 2015, it adopted a new constitution. The struggle of the Nepali people is a source of inspiration to democrats all over the world.
- **On 24 April 2006**, the last day of the ultimatum, the king was forced to concede all three demands.
- The SPA chose Girija Prasad Koirala as the new Prime Minister of the interim government.
- The restored parliament met and passed laws taking away most of the powers of the king. The SPA and the Maoists came to an understanding about how the new Constituent Assembly was going to be elected.

★ Additional Information

- All the major political parties in the parliament formed a Seven Party Alliance (SPA) and called for a four-day strike in Kathmandu, the country's capital.
- This protest soon turned into an indefinite strike in which MAOIST insurgents and various other organizations joined hands.
- People defied curfew and took to the streets.
- The security forces found themselves unable to take on more than a lakh people who gathered almost every day to demand the restoration of democracy.

- The number of protesters reached between three and five lakhs on 21 April and they served an ultimatum to the king.
- The leaders of the movement rejected the half-hearted concessions made by the king.
- They stuck to their demands for the restoration of parliament, power to an all-party government, and a new constituent assembly.

40. Answer: b

Explanation:

The correct answer is Six.

★ Key Points

- Swajal Yojana
 - Launched in the year February 2018 under the National Rural Drinking Water Program.
 - AIM – To ensure sustainable, adequate piped drinking water supply through replenishment of ground water and augmentation of water resources by means of solar energy.
 - Decentralized planning and implementation of the scheme where state governments facilitate and promote rural communities, CSOs, NGOs, SHG groups to take up the implementation of the scheme.
 - Initially, launched as a pilot program in six states with critical ground water-depleted states – Bihar, Madhya Pradesh, Maharashtra, Rajasthan, Uttar Pradesh and Uttarakhand.
 - The scheme is also implemented in 117 aspirational districts as these districts only 25% of piped water supply.

★ Additional Information

- Atal Bhujal yojana
 - It is a Central Sector Scheme.
 - AIM – Sustainable management of groundwater resources through people's participation.

- This is a World Bank (50%) funded project.
- To be implemented in over-exploited and water-stressed regions in the states of Gujarat, Haryana, Karnataka, Madhya Pradesh, Maharashtra, Rajasthan and Uttar Pradesh.

41. Answer: b

Explanation:

The correct answer is Xuanzang.

★ Key Points

- **Xuanzang** wrote the book 'The Great Tang Dynasty Record on the Western Regions'.
- Xuan Zang was a famous scholar from China, who stayed in Vijaywada to study the Buddhist Scriptures.
- He described the interaction between Indian Buddhism and Chinese Buddhism.
- He came to India during the early Tang Dynasty.

★ Additional Information

- Fa-Hien Visited India during the reign of Chandragupta-II .
 - He was the first Chinese Buddhist monk to travel to India in search of Buddhist Scriptures .
 - He mentioned about Untouchability that prevailed in India during that time
 - He gave a detailed account of Buddhist monasteries, life, and teachings of Buddhists at that time.
 - Fa-Hien described his journey in his travelogue , A Record of Buddhist Kingdoms.
- Nicolo de Conti , an Italian, was at Vijayanagara in about 1420 , just after the accession of Devaraya I.
 - The first known foreign traveller, he mentions the fortifications of the city and the thousands of men employed in the army of the rulers.

- Al-Beruni was a Persian scholar .
 - He accompanied Mahmud of Ghazni and wrote a book titled 'Tahqiq-i-hind'.
 - He is considered the father of Indology.
 - In the 11th century, Abu al-Rayhan Muhammad was designated a royal astrologer.

42. Answer: b

Explanation:

The correct answer is Kerala.

★ Key Points

- Kerala Tourism's internationally acclaimed 'Human by Nature' campaign bagged the prestigious PATA Grand Award 2020 for Marketing.
- Kerala Tourism has bagged one of the three PATA Grand Awards, which were announced live during a virtual presentation ceremony in Beijing.
- The distant event was attended virtually by Tourism Minister Kadakampally Surendran, Tourism Secretary Rani Georg, and Tourism Director P. Bala Kiran.

★ Additional Information

- 'Human by Nature' was a marketing strategy to revive tourism that was hit by the 2018 floods and the Nipah outbreak.
- The campaign had helped Kerala Tourism achieve a record growth of 17.2% in tourism arrivals in 2019, the highest in 24 years .
- This year's awards recognised the achievements of three Grand title winners and 21 gold awards.
- This year's Pacific Asia Travel Association (PATA) award was supported and sponsored by the Macao Government Tourism Office (MGTO).

43. Answer: c

Explanation:

The correct answer is Kevadia.

★ Key Points

- The Statue of Unity is located in Kevadia, Gujarat.
- The Statue of Unity is the world's tallest statue, with a height of 182 meters (597 feet) which is almost double the height (including the pedestal) of the Statue of Liberty, USA.
- It is located on the Narmada river-facing Sardar Sarovar Dam in Kevadiya colony, Narmada District in the Indian State of Gujarat.

★ Additional Information

- Famous sculptor Ram V. Sutar, a Padma Bhushan Awardee is the sculptor of the Statue of Unity.
- India's largest engineering and construction company Larsen & Toubro (L&T) was assigned the responsibility for designing, engineering, procurement, construction, operation and maintenance of the project.
- The statue was inaugurated by Prime Minister Narendra Modi on 31 October 2018, the 143rd birth anniversary of Patel.
- The Statue was built in just 46 months.
- The previous tallest statue in India was the 41 m (135 ft) statue of Veera Abhaya Anjaneya Hanuman Swami at the Paritala Anjaneya Temple near Vijayawada in the state of Andhra Pradesh.

44. Answer: d

Explanation:

The correct answer is Godavari.

★ Key Points

- The Godavari is a major river in **South India**.

- Major left-bank tributaries:
 - Purna, Pranhita, Indravati, and Sabari river .
- Major right bank tributaries:
 - Pravara, Manjira, and Manair river.

★ **Additional Information**

- Godavari river is the largest peninsular river.
- It is also called Dakshin Ganga.
- It originates from the Nashik district in Maharashtra.
- Its length is usually **1465 kilometres**.
- The main tributaries of Godavari are Pranhita, Indravati and Manjira .
- It flows through Maharashtra, Telangana and Andhra Pradesh and joins the Bay of Bengal near the city of Rajahmundry.

45. **Answer: b**

Explanation:

The correct answer is 24th December.

★ **Key Points**

- Every Year 24th December is observed as National Consumer Day with a specific theme in India.
- On this day, the Consumer Protection Act, 1986 had received the assent of the president.
- The enactment of this Act is considered a historic milestone in the consumer movement in the country.

★ **Additional Information**

- The main objective of the Consumer Protection Act is to provide consumers with effective safeguards against various types of exploitation, including defective goods, unsatisfactory services as well as unfair trade practices.

- The Department of Consumer Affairs has also launched the Jago Grahak Jago programme to make consumers aware of information and rights.
 - The theme for National Consumer Day 2020 is New features of the Consumer Protection Act, 2019.
-

46. Answer: c

Explanation:

The correct answer is 200 seconds.

★ Key Points

- Google researchers claimed they had passed a milestone known as **quantum supremacy** when their quantum computer Sycamore performed in **200 seconds** an abstruse calculation they said would tie up a supercomputer for **10,000 years**.
- Quantum computing is a new generation of technology that involves a type of computer 158 million times faster than the most sophisticated supercomputer we have in the world today.
- It is a device so powerful that it could do in four minutes what it would take a traditional supercomputer **10,000 years to accomplish**.

★ Additional Information

- What is Quantum Supremacy?
 - It is a term proposed in 2012 by John Preskill , professor of theoretical physics at the California Institute of Technology.
 - It describes the point where quantum computers can do things that classical computers cannot .
 - Superposition and entanglement are what give quantum computers the ability to process so much more information so much faster.
-

47. Answer: d

Explanation:

The correct answer is Anil Soni.

★ Key Points

- US-based Indian-origin health expert, Anil Soni has been appointed as the first Chief Executive Officer (CEO) of the newly-created “World Health Organization (WHO) Foundation”.
- Before this, he was working with Viatrix, a global healthcare company in the US, where he served as Head of Global Infectious Diseases .
- He will assume his role as CEO with effect from 1st January 2021 .

★ Additional Information

- **Tedros Adhanom Ghebreyesus** is an Ethiopian public health researcher and official who has been Director-General of the World Health Organization since 2017.
- **Randeep Guleria** is an Indian pulmonologist and the current director of the All India Institute of Medical Sciences, New Delhi.
- **Melinda French Gates** is an American philanthropist and former computer scientist and general manager at Microsoft.

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48. Answer: b

Explanation:

The correct answer is 26th.

★ Key Points

- 26 th Constitutional Amendment Act of 1971 abolished the privy purses and privileges of the former rulers of princely states.
- The 24th Constitutional Amendment Act made it compulsory for the President to give his assent to a constitutional amendment bill.
- Part XX of the Indian Constitution deals with the procedure for its amendment.

★ Additional Information

- 24th Amendment :
 - The 24th amendment was enacted as a reaction to the Golak Nath case, in 1967 .
 - The Golak Nath ruling led to increased parliamentary authority to amend the Constitution .
 - Through the Amendment, Parliament restored to itself undisputed authority to amend the Constitution, including its repeal.
 - The 24th Amendment was the first of a series of several constitutional amendments designed to weaken the judiciary and enhance the authority of Parliament and the Prime Minister's office .
- 25th Amendment Act, 1971 Restrict property rights and compensation in case the state takes over private property.
 - However, the Supreme Court quashed a part of Article 31C, to the extent it took away the power of judicial review.
 - This was done in the landmark case of Kesavananda Bharati v. the State of Kerala.
- The 27th amendment act was enacted in the year 1971.
 - In order to reorganize the northeastern areas of India.
 - The Union Territory of Mizoram was proposed under the scheme to have a legislature and council of ministers.

49. Answer: d

Explanation:

The correct answer is Polio.

★ Key Points

- In the year 2014, India was officially declared free of Polio.
- India was declared Polio free on 27th March 2014 by the WHO
- India started a program named "pulse polio" to completely eradicate polio from the country.

- It involved vaccinating all children under the age of five years against the poliovirus.
- Tamil Nadu became the first polio-free state in India.

★ Additional Information

- Poliomyelitis is the scientific term or synonym of the disease Polio.
- It is a viral disease that destroys the nerve cells present in the spinal cord, causing paralysis or muscle weakness to some parts of the body.
- The virus is transmitted person-to-person in the following ways – Through the faecal-oral route and By contaminated water or food.

50. Answer: a

Explanation:

The correct answer is Gujarat.

★ Key Points

- The ancient Harappan settlements of Dholavira and Lothal are located in the present day Indian state of **Gujarat**.

★ Additional Information

- **Dholavira:**
 - It was located on Khadir Beyt in the Rann of Kutch, and it had fertile land and a good supply of freshwater.
 - It was divided into three parts, and each part was surrounded by massive stone walls and had large open areas for public ceremonies.
 - Large letters of Harappan scripts written using white stone were found in Harappan wood carvings, seals, etc.
- **Lothal:**
 - It was located on the bank of a tributary of the Sabarmati river in Gujarat.

- It was an important center where many different things were made out of stone, shells, and metals (easily available local raw materials).
- Buildings such as a storehouse containing many seals and their impressions, and also a bead-making workshop were found in Lothal.

51. Answer: d

Explanation:

Given:

A student travelled a distance of 30 km in 3 hours, partly on foot at a speed of 4km/h and the remaining on a bicycle at a speed of 12km/h.

Concept used:

Time × Speed = Distance

Calculation:

Let's suppose, he walked for T hours.

According to the question,

$$4 \times T + 12 \times (3 - T) = 30$$

$$\Rightarrow 4T + 36 - 12T = 30$$

$$\Rightarrow 8T = 6$$

$$\Rightarrow T = 6/8$$

$$\Rightarrow T = 0.75$$

Now, the ratio of the distance travelled on foot and that travelled on the bicycle

$$\Rightarrow 4 \times 0.75 : 12 \times (3 - 0.75)$$

$$\Rightarrow 3 : 12 \times 2.25$$

$$\Rightarrow 3 : 27$$

$$\Rightarrow 1 : 9$$

\therefore The ratio of the distance travelled on foot and that travelled on the bicycle is 1 : 9.

52. Answer: b

Explanation:

Concept used:

$$\text{Loss\%} = \frac{(\text{Cost Price} - \text{Selling Price})}{\text{Cost Price}} \times 100\%$$

Calculation:

In the case of option 3,

$$\text{Loss\%} = \frac{7812 - 6786}{7812} \times 100\%$$

$$\Rightarrow 13.133\% \neq 13\%$$

\therefore 3 is incorrect.

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53. Answer: d

Explanation:

Given:

$$\frac{5}{7} \text{ of } \frac{2}{5} + \frac{3}{7} - \frac{1}{14} \times 2 \div 1$$

Concept used:

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

Calculation:

$$\frac{5}{7} \text{ of } \frac{2}{5} + \frac{3}{7} - \frac{1}{14} \times 2 \div 1$$

$$\Rightarrow \frac{2}{7} + \frac{3}{7} - \frac{1}{14} \times 2 \div 1$$

$$\Rightarrow \frac{2}{7} + \frac{3}{7} - \frac{1}{14} \times 2$$

$$\Rightarrow \frac{2}{7} + \frac{3}{7} - \frac{1}{7}$$

$$\Rightarrow \frac{5}{7} - \frac{1}{7}$$

$$\Rightarrow \frac{4}{7}$$

∴ The required answer is $\frac{4}{7}$

54. Answer: c

Explanation:

Given:

$$\frac{1}{a} : \frac{1}{7} = \frac{1}{3.43} : \frac{1}{a}$$

Calculation:

$$\frac{1}{a} : \frac{1}{7} = \frac{1}{3.43} : \frac{1}{a}$$

$$\Rightarrow 7/a = a/3.43$$

$$\Rightarrow a^2 = 3.43 \times 7$$

$$\Rightarrow a = \sqrt{3.43 \times 7}$$

$$\Rightarrow a = 4.9 \text{ (Considering the positive value only)}$$

\therefore The value of a is 4.9.

55. Answer: a

Explanation:

Given:

Series of successive discounts, 20%, 10% and 15%.

Concept used:

Final discount percentage after two successive discounts of $A\%$ and $B\%$ = $(A + B - \frac{AB}{100})\%$

Calculation:

Resultant discount after 20% and 10% = $20 + 10 - (20 \times 10/100) = 28\%$

Final discount = $28 + 15 - (28 \times 15/100) = 38.8\%$

\therefore A single discount equivalent to a series of successive discounts, 20%, 10% and 15%, is 38.8%.

56. Answer: d

Explanation:

Given:

A dealer sells an article by allowing a 13% discount on its marked price and gains 20%.

The cost price of the article is increased by 10%.

Concept used:

Selling price = Marked Price - Marked Price \times Discount%

Selling Price = Cost Price \times (1 + Gain%)

Calculation:

Let the cost price be Q.

Selling price = $Q + Q \times 20\% = 1.2Q$

Marked price = $1.2Q \div (1 - 13\%)$

$\Rightarrow 1.2Q \div 0.87$

$\Rightarrow 1.379Q \approx 1.38Q$

New cost price = $Q + Q \times 10\% = 1.1Q$

New selling price = $1.1Q + 1.1Q \times 20\%$

$\Rightarrow 1.32Q$

Now, discount% offered = $\frac{1.38Q - 1.32Q}{1.38Q} \times 100\%$

$\Rightarrow 4.34\% \approx 4.3\%$

\therefore He should allow a 4.3% discount on the marked price.

★ Alternate Method

Let the MP be 100

SP = $100 - (100 \times 13\%)$

SP = 87

$$CP = 87/1.25 = 72.5$$

$$\text{New CP} = 72.5 + (72.5 \times 10\%) = 79.75$$

$$\text{New SP} = 79.75 + (79.75 \times 20\%) = 95.7$$

∴ The max discount that can be offered is $100 - 95.7 = 4.3\%$

57. Answer: a

Explanation:

Given:

Sumer bought 6 chairs at the rate of Rs. 800 per chair and a table for Rs. 1,200.

He sold all the chairs and the table for Rs. 7,200.

Concept used:

$$\text{Profit\%} = \frac{(\text{Selling Price} - \text{Cost Price})}{\text{Cost Price}} \times 100\%$$

Calculation:

$$\text{Total cost price} = 800 \times 6 + 1200$$

$$\Rightarrow 4800 + 1200 = \text{Rs. } 6000$$

$$\text{Now, his gain\%} = \frac{7200 - 6000}{6000} \times 100\%$$

$$\Rightarrow 20\%$$

∴ His gain percentage is 20%.

58. Answer: d

Explanation:

Given:

Two pipes can fill a cistern in 12 and 15 hours, respectively, while a third pipe can empty it in 24 hours.

Concept used:

Total work = Efficiency (Work done per hour) × Total time taken

Calculation:

$$\text{LCM}(12, 15, 24) = 120$$

Let the capacity of the cistern be 120 units.

Efficiency of the first pipe = $120/12 = 10$ units an hour

Efficiency of the second pipe = $120/15 = 8$ units an hour

Efficiency of the third pipe = $120/24 = 5$ units an hour

Now, when all pipes are open simultaneously, the cistern will be filled in

$\Rightarrow 120 \div (10 + 8 - 5)$ (Since the third pipe empties the cistern, its efficiency is taken in negative)

$$\Rightarrow 120/13$$

$$\Rightarrow 9\frac{3}{13} \text{ hours}$$

$$\Rightarrow 9 \text{ hours } 3/13 \times 60 \text{ minutes}$$

$$\Rightarrow 9 \text{ hours } 13.846 \text{ minutes} \approx 9 \text{ hours } 14 \text{ minutes}$$

\therefore When all pipes are open simultaneously, the cistern will be filled in 9 hours 14 minutes.

59. Answer: d

Explanation:

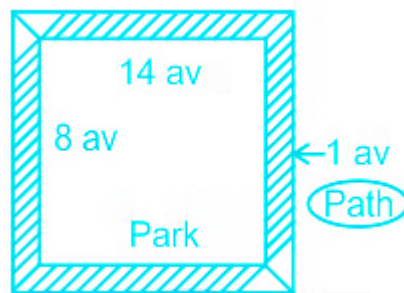
Given:

A rectangular park 14 m long, 8 m wide is surrounded by a path 1 m wide.

Concept used:

Area of a rectangle = Length \times Breadth

Calculation:



Including the path, the length of the park = $14 + 1 \times 2 = 16$ m

Including the path, the breadth of the park = $8 + 1 \times 2 = 10$ m

Without the path, area of the park = $14 \times 8 = 112 \text{ m}^2$

Including the path, the area of the park = $16 \times 10 = 160 \text{ m}^2$

Now, the area of the path = $160 - 112 = 48 \text{ m}^2$

\therefore The area of the path is 48 m^2 .

60. Answer: b

Explanation:

Given:

Sazia's income is 20% less than that of Rehana.

Calculation:

Let's suppose, Rehana's income is Rs. 100.

Sazia's income = $100 - 100 \times 20\%$

\Rightarrow Rs. 80

Now, % more = $\frac{100-80}{80} \times 100\%$

\Rightarrow 25%

\therefore Rehana's income is more than that of Sazia by 25%.

61. Answer: b

Explanation:

Concept used:

LCM is the smallest common multiple of two or more numbers.

Calculation:

$LCM(8, 9, 10) = 360$

So, 360 is the smallest number exactly divisible by 8, 9 and 10.

Now, the smallest number which when divided by 8, 9 and 10 leaves remainder 1 in each case = $360 + 1$

\Rightarrow 361

\therefore 361 is the smallest number which when divided by 8, 9, and 10 leaves remainder 1 in each case.

62. Answer: a

Explanation:

Given:

Four friends A, B, C and D made investments in a business in the ratio 3 : 7 : 9 : 13, respectively.

The share of the profit of C is Rs. 8,910.

Concept used:

Profit is shared in the ratio of the investment of partners.

Calculation:

Let the total profit be P.

According to the question,

$$P \times \frac{9}{(3 + 7 + 9 + 13)} = 8910$$

$$\Rightarrow P = (8910 \times 32)/9$$

$$\Rightarrow P = 31,680$$

Now, the total share of the profits of A and B = $31680 \times \frac{3+7}{3+7+9+13}$

$$\Rightarrow 31680 \times \frac{10}{32}$$

$$\Rightarrow \text{Rs. } 9,900$$

\therefore The total share of the profits of A and B is Rs. 9,900.

63. Answer: c

Explanation:

Given:

A certain number of sweets can be equally distributed among 10, 20 and 25 children.

But if there are 27 children and they are given equal number of sweets, 3 sweets are left.

Concept used:

LCM is the smallest common multiple of two or more numbers.

Calculation:

$$\text{LCM}(10, 20, 25) = 100$$

Let there be $100p$ sweets to be divided between 27 children.

Let when there are 27 children, each is given N number of sweets.

According to the question,

$$27 \times N + 3 = 100p$$

$$\Rightarrow 27N = 100p - 3$$

$$\Rightarrow N = (100p - 3)/27$$

For the minimum value of $p = 3$, N is an integer.

Now, the minimum number of such sweets = $100 \times 3 = 300$

\therefore The minimum number of such sweets is 300.

64. Answer: c

Explanation:

Given:

The average marks obtained by 30 students in a Mathematics test, out of 100, is 76.

Inadvertently, the marks of one student were written as 56 instead 65 and the marks of another student were written as 84 instead of 48.

Concept used:

Total = Average \times Number of entities

Calculation:

Total marks scored by 30 students (considering the mistaken inputs) = 30×76

$\Rightarrow 2280$

Actual total marks = $2280 + 65 + 48 - 56 - 84$

$\Rightarrow 2253$

Now, the correct average = $2253/30$

$\Rightarrow 75.1$

\therefore The correct average is 75.1%.

65. Answer: d

Explanation:

Given:

Amit sells an almirah to Bimal and makes a profit of 10%. Bimal sells the same almirah to Chetan and makes a profit of 10%.

Chetan bought the almirah for Rs. 14,520.

Concept used:

Selling Price = Cost Price + Cost Price \times Gain%

Calculation:

Let the cost price of the almirah occurred to Amit be Q.

Cost price occurred to Bimal = $Q + Q \times 10\% = 1.1Q$

Cost price occurred to Chetan = $1.1Q + 1.1Q \times 10\% = 1.21Q$

According to the question,

$$1.21Q = 14520$$

$$\Rightarrow Q = 14520/1.21$$

$$\Rightarrow Q = 12000$$

\therefore The price of the almirah for Amit is Rs. 12000.

66. Answer: a

Explanation:

Concept used:

Total = Average \times Number of entities

Calculation:

Prime numbers between 25 and 45 = 29, 31, 37, 41, 43

Sum (29, 31, 37, 41, 43) = 181

Now, the average = $181/5$

$$\Rightarrow 36\frac{1}{5}$$

$\therefore 36\frac{1}{5}$ is the average of the prime numbers lying between 25 and 45.

67. Answer: c

Explanation:

Given:

Three years ago, the value of a flat was Rs. 65,00,000. Its value depreciated at the rate of 5%, 4% and 3% at the end of the first, the second and the third year, respectively.

Concept used:

$$\text{Simple Interest, SI} = (P \times R \times T)/100$$

$$\text{Amount} = P + \text{SI}$$

where

P = Principal amount

R = Rate of interest per year

T = Time in years

One year of Simple interest = One year of Compound Interest

Calculation:

$$\text{Depreciated by for the first year} = (6500000 \times 5 \times 1)/100$$

$$\Rightarrow \text{Rs. } 325000$$

$$\text{New value becomes} = 6500000 - 325000 = \text{Rs. } 6175000$$

$$\text{Depreciated by for the first year} = (6175000 \times 4 \times 1)/100$$

$$\Rightarrow \text{Rs. } 247000$$

$$\text{New value becomes} = 6175000 - 247000 = \text{Rs. } 5928000$$

$$\text{Depreciated by for the first year} = (5928000 \times 3 \times 1)/100$$

$$\Rightarrow \text{Rs. } 177840$$

$$\text{Present value of the flat} = 5928000 - 177840 = \text{Rs. } 57,50,160$$

\therefore The present value of the flat is Rs. 57,50,160.

★ Shortcut Trick

According to the question,

$$\Rightarrow 65,00,000 \times 95/100 \times 96/100 \times 97/100$$

$$\Rightarrow 57,50,160$$

\therefore The present value of the flat is Rs. 57,50,160.

68. Answer: d

Explanation:

Given:

$$\left(2\frac{6}{7} \text{ of } 4\frac{1}{5} \div \frac{2}{3}\right) \times 5\frac{1}{9} \div \left(\frac{3}{4} \times 2\frac{2}{3} \text{ of } \frac{1}{2} \div \frac{1}{4}\right)$$

Concept used:

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

Calculation:

$$\left(2\frac{6}{7} \text{ of } 4\frac{1}{5} \div \frac{2}{3}\right) \times 5\frac{1}{9} \div \left(\frac{3}{4} \times 2\frac{2}{3} \text{ of } \frac{1}{2} \div \frac{1}{4}\right)$$

$$\Rightarrow \left(\frac{20}{7} \text{ of } \frac{21}{5} \div \frac{2}{3}\right) \times \frac{46}{9} \div \left(\frac{3}{4} \times \frac{8}{3} \text{ of } \frac{1}{2} \div \frac{1}{4}\right)$$

$$\Rightarrow \left(12 \div \frac{2}{3}\right) \times \frac{46}{9} \div \left(\frac{3}{4} \times \frac{4}{3} \div \frac{1}{4}\right)$$

$$\Rightarrow (12 \times \frac{3}{2}) \times \frac{46}{9} \div (\frac{3}{4} \times \frac{4}{3} \times \frac{4}{1})$$

$$\Rightarrow 18 \times \frac{46}{9} \div 4$$

$$\Rightarrow 18 \times \frac{46}{9} \times \frac{1}{4}$$

$$\Rightarrow 23$$

\therefore The simplified answer is 23.

69. Answer: d

Explanation:

Given:

One round of a circular park having a radius of 21 m is the same as that of a square park.

Concept used:

The circumference of a circle = $2\pi R$ (R being the Radius)

The perimeter of a square = $4 \times \text{side}$

Calculation:

One round of a circular park is the same as that of a square park means the perimeter of the square park and the circumference of the circular park is the same.

Circumference of the circular park = $2\pi \times 21 = 132 \text{ m}$

Now, the length of the side of the square park = $132/4 = 33 \text{ m}$

\therefore The length of the side of the square park is 33 m.

70. Answer: b

Explanation:

Given:

Walking at $\frac{3}{4}$ of this usual speed, a man covers a certain distance in 1 hour and 40 minutes more than the time he takes to cover the distance at his usual speed.

Concept used:

$$\text{Distance} = \text{Speed} \times \text{Time}$$

Calculation:

$$1 \text{ hour } 40 \text{ minutes} = (1 + 40/60) \text{ hours}$$

$$\Rightarrow (1 + 2/3) = 5/3 \text{ hours}$$

Let the usual speed and distance be Q km/h and D km respectively.

$$\text{Time taken to cover the distance in usual speed} = D/Q \text{ hours}$$

According to the question,

$$D/(3Q/4) - D/Q = 5/3$$

$$\Rightarrow 4D/3Q - D/Q = 5/3$$

$$\Rightarrow D/Q \times 1/3 = 5/3$$

$$\Rightarrow D/Q = 5$$

\therefore The time taken by him to cover the same distance at his usual speed is 5 hours.

71. Answer: c

Explanation:

Given:

A and B working together can complete a work in 30 days.

A alone can complete the same work in 50 days.

Concept used:

Total work = Efficiency (Work done per day) \times Total time taken

Calculation:

$$\text{LCM}(30, 50) = 150$$

Let the total work be 150 units.

$$\text{Efficiency of A} = 150/50 = 3 \text{ units}$$

$$\text{Efficiency of A and B together} = 150/30 = 5 \text{ units}$$

$$\text{So, efficiency of B} = 5 - 3 = 2 \text{ units}$$

$$\text{Now, B will alone do the work in} = 150/2$$

$$\Rightarrow 75 \text{ days}$$

\therefore B alone do the same work in 75 days.

72. Answer: d

Explanation:

Given:

Saurabh spends 20% of his monthly income on the education of his children. He spends 30% of the remaining on conveyance and clothes.

Further, he spends 50% of the amount still with him on rent and maintenance of the house.

After all the expenditures, he sends 50% of the amount still with him to his parents.

Concept used:

$$\text{Income} = \text{Expenditure} + \text{Savings}$$

Calculation:

Considering the entire salary be 100%.

$$\text{Education expenditure} = 20\%$$

$$\text{Conveyance and clothes expenditure} = (100 - 20) \times 30\%$$

$$\Rightarrow 24\%$$

$$\text{Rent and maintenance of the house} = (100 - 20 - 24) \times 50\%$$

$$\Rightarrow 28\%$$

$$\text{Remaining} = 100 - 20 - 24 - 28 = 28\%$$

$$\text{Percentage sent to his parents} = 28 \times 50\% = 14\%$$

$$\text{Remaining with him} = 28 - 14 = 14\%$$

According to the question,

$$14\% \text{ of his income} = 11200$$

$$\text{So, His total income} = 11200/14\%$$

$$\Rightarrow \text{Rs. } 80,000$$

\therefore His monthly income is Rs. 80,000.

73. Answer: b

Explanation:

Given:

Principal = Rs. 6000

Rate of interest = 5%

Time = 2 years

Concept used:

Simple Interest, $SI = (P \times R \times T)/100$

Amount = $P + SI$

where

P = Principal amount

R = Rate of interest per year

T = Time in years

In case of the compound interest,

Amount = $P(1 + R/100)^N$

CI = $P(1 + R/100)^N - P$

where

P = Principal amount

R = Rate of interest per year

N = Time in years

Calculation:

Simple interest incurred = $(6000 \times 2 \times 5)/100$

⇒ Rs. 600

$$\text{Compound interest incurred} = 6000(1 + 5/100)^2 - 6000$$

⇒ RS. 615

Now, the difference = 615 - 600 = Rs. 15

∴ The difference in the simple interest and compound interest compounded annually on a sum of Rs. 6,000 in 2 years at the interest rate of 5% per annum will be Rs. 15.

74. Answer: b

Explanation:

Given:

The compound interest on a sum of Rs. 10,000 for 3 years at the rate of 8% for the 1st year, 10% for the 2nd year, and 12% for the 3rd year.

Concept used:

$$\text{Simple Interest, SI} = (P \times R \times T)/100$$

$$\text{Amount} = P + \text{SI}$$

where

P = Principal amount

R = Rate of interest per year

T = Time in years

One year of Simple interest = One year of Compound Interest

Calculation:

$$\text{Interest incurred for the first year} = (10000 \times 8 \times 1)/100$$

⇒ Rs. 800

Principal becomes = $10000 + 800 = \text{Rs. } 10800$

Interest incurred for the second year = $(10800 \times 10 \times 1)/100$

$\Rightarrow \text{Rs. } 1080$

Principal becomes = $10800 + 1080 = \text{Rs. } 11880$

Interest incurred for the third year = $(11880 \times 12 \times 1)/100$

$\Rightarrow \text{Rs. } 1425.6$

Now, total interest = $800 + 1080 + 1425.6$

$\Rightarrow \text{Rs. } 3305.6$

\therefore The compound interest on a sum of Rs. 10,000 for 3 years at the rate of 8% for the 1st year, 10% for the 2nd year, and 12% for the 3rd year will be Rs. 3305.6.

75. Answer: c

Explanation:

Given:

A purse contains some coins in denominations of 1 rupee, 2 rupees and 5 rupees in the ratio 8 : 5 : 3.

The total worth of these coins is Rs. 132.

Calculation:

Let there be 8q, 5q, and 3q number of 1 rupee, 2 rupees and 5 rupees denominations respectively.

According to the question,

$$8q \times 1 + 5q \times 2 + 3q \times 5 = 132$$

$$\Rightarrow 8q + 10q + 15q = 132$$

$$\Rightarrow 33q = 132$$

$$\Rightarrow q = 132/33$$

$$\Rightarrow q = 4$$

Now, the number of 5 rupee coins = 3×4

$$\Rightarrow 12$$

\therefore There are 12 5 rupee coins in the purse.

76. Answer: a

Explanation:

The correct answer is option 1) i.e. 'Carcass'.

★ Key Points

- Let's look at the meaning of the marked option :

Word	Meaning
Carcass	the body of a dead animal, especially a large one that is soon to be cut up as meat or eaten by wild animals. (एक मरे हुए जानवर का शरीर, विशेष रूप से एक बड़ा जो जल्द ही मांस के रूप में काटा जाता है या जंगली जानवरों द्वारा खाया जाता है)

- Example :
 - The vultures fly in a circling motion which alerts other vultures that a **carcass** has been spotted.*
- Let's look at the meanings of the other given options:

Word	Meaning
Cadence	the regular rise and fall of the voice. (आवाज का नियमित उठना और गिरना)
Cadaver	a dead human body. (एक मृत मानव शरीर)
Corpse	a dead body, usually of a person. (एक मृत शरीर, आमतौर पर एक व्यक्ति का)

- Hence, from the given meanings, we find that 'Carcass' is the correct one-word substitute.
- So, the correct answer is option 1.

Correct one-word substitute: Carcass.

77. Answer: b

Explanation:

The correct answer is option 2) i.e. 'even when our minds.'

★ Key Points

- The error lies in Part (if our minds)of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- The conjunction 'if' is used to say a particular thing that can or will happen only after something else happens or becomes true.
- The conjunction 'even when' is used when we want to add emphasis to show that something is surprising or extreme.
- Therefore, in the erroneous part the use of 'if' in the sentence should be replaced with 'even when' to make it grammatically correct .
- Therefore, the correct answer is Option 2.

Correct sentence: Poetry can be the voice of our feelings ***even when our minds*** are speechless with grief or joy.

78. Answer: a

Explanation:

The correct answer is option 1) i.e. "Healthy and doing well . "

★ Key Points

- Let's look at the meaning of the given idiom/ phrase:
- The phrase ' Alive and kicking 'means ' to continue to live or exist and be full of energy.'
- *Example:*
 - *Sneha said she'd seen John last week and he was **alive and kicking**.*
- Hence, the only possible answer is option 1 'Healthy and doing well,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning: *Healthy and doing well.*

79. **Answer: a**

Explanation:

The erroneous part is option 1) i.e. 'that if she could . '

★ Key Points

- The error lies in the part 'that if she could.'
- According to the rules of Indirect Speech in interrogative sentence, the conjunction 'if' is used and comma and inverted commas will be removed.
- Therefore the use of 'that' is redundant here and should be omitted.
- Therefore in the given sentence we need to use only 'if' in place of 'that if' to make the sentence grammatically correct.
- Hence, the correct answer is option 1.

Correct sentence: *She asked her teacher **if she could** explain that problem again.*

80. Answer: c

Explanation:

The correct answer is option 3) i.e. 'adjacent.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
far way	a long way away. (एक लंबा दूर का रास्ता)
akin	having some of the same qualities. (कुछ समान गुणों वाले)
adjacent	very near, next to, or touching. (बहुत निकट, पास या स्पर्श करने वाला)
adjunct	something added or connected to a larger or more important thing. (किसी बड़ी या अधिक महत्वपूर्ण चीज़ से कुछ जोड़ा या जुड़ा हुआ)

- The context of the sentence is that the doctor's clinic is next to my house.
- The preposition 'to' is used with 'adjacent.'
- According to the above-mentioned points, the most appropriate word to fill the blank is " adjacent ."
- Therefore, the correct answer is Option 3.
- Another example :
 - The land for the shop is conveniently located **adjacent** to the main market.*

Complete Sentence: *The doctor's clinic is adjacent to my house.*

81. Answer: b

Explanation:

The correct answer is option 2) i.e. 'Astronomy.'

★ **Key Points**

- Let's look at the meaning of the marked option :

Word	Meaning
Astronomy	the scientific study of the universe and of objects that exist naturally in space, such as the moon, the sun, planets, and stars. ()

- Example :
 - Mohit's taste for mathematics led him to study **astronomy**.*
- Let's look at the meanings of the other given options:

Word	Meaning
Mythology	a popular belief that is probably not true. (एक लोकप्रिय धारणा जो शायद सच नहीं है)
Meteorology	the scientific study of the processes that cause particular weather conditions. (उन प्रक्रियाओं का वैज्ञानिक अध्ययन जो विशेष मौसम की स्थिति पैदा करते हैं)
Astrology	the study of the movements and positions of the sun, moon, planets, and stars in the belief that they affect the character and lives of people. (सूर्य, चंद्रमा, ग्रहों और तारों की गति और स्थिति का अध्ययन इस विश्वास में कि वे लोगों के चरित्र और जीवन को प्रभावित करते हैं)

- Hence, from the given meanings, we find that 'Astronomy' is the correct one-word substitute.
- So, the correct answer is option 2.

Correct one-word substitute: *Astronomy.*

82. Answer: c

Explanation:

The correct answer is option 3) i.e. 'Persuade.'

★ **Key Points**

- Let's look at the meanings of the given word and marked option:

Word	Meaning
Dissuade	to persuade someone not to do something. (किसी को कुछ न करने के लिए राजी करना)
Persuade	to make someone do or believe something by giving them a good reason to do it. (किसी को कुछ करने या विश्वास करने के लिए उन्हें ऐसा करने का एक अच्छा कारण देना)

- Let's look at the meanings of the other given options:

Word	Meaning
Discourage	to make someone feel less confident, enthusiastic, and positive about something, or less willing to do something. (किसी को किसी चीज़ के बारे में कम आत्मविश्वासी, उत्साही और सकारात्मक महसूस कराने के लिए, या कुछ करने के लिए कम इच्छुक होना)
Counsel	to give advice, especially on social or personal problems. (सलाह देना, विशेषकर सामाजिक या व्यक्तिगत समस्याओं पर)
Prevent	to stop something from happening or someone from doing something. (कुछ होने से रोकना या किसी को कुछ करने से रोकना)

- Hence from the given meanings, we find that 'Dissuade' and 'Persuade' are antonyms.
- So, the correct answer is option 3.

83. Answer: b

Explanation:

The correct answer is option 2) i.e. 'sound.'

★ **Key Points**

- Let's look at the meaning of the words given in the options:

Word	Meaning
kind	generous, helpful, and thinking about other people's feelings. (उदार, सहायक और अन्य लोगों की भावनाओं के बारे में सोचने वाला)
sound	in good condition; (of a person) healthy, or (of a thing) not broken or damaged. (अच्छे हालत में; (किसी व्यक्ति का) स्वस्थ, या (किसी चीज़ का) टूटा या क्षतिग्रस्त नहीं)
fit	to be the right size or shape for someone or something. (किसी या किसी चीज़ के लिए सही आकार या आकार होना)
humble	not proud or not believing that you are important. (गर्व नहीं है या विश्वास नहीं है कि आप महत्वपूर्ण हैं)

- The context of the sentence is that the most crucial component of a healthy relationship is trust.
- Here " sound " is used as an adjective to modify the noun 'relationship.'
- According to the above-mentioned points, the most appropriate word to fill the blank is " sound ."
- Therefore, the correct answer is Option 2.
- Another example :
 - Tarun is a person of **sound** mind.

Complete Sentence: Trust is the most important element of a sound relationship.

84. Answer: a

Explanation:

The correct answer is option 1) i.e. "From all directions . "

★ Key Points

- Let's look at the meaning of the given idiom/ phrase:
- The phrase 'From far and wide' means 'in every direction; everywhere.' (हर दिशा में; हर जगह)
- *Example:*
 - *Many people had come **from far and wide** to watch the magic show .*
- Hence, the only possible answer is option 1 'From all directions,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning: *From all directions.*

85. Answer: a

Explanation:

The erroneous part is option 1) i.e. 'to be she . '

★ Key Points

- The error lies in the part 'to be she.'
- The given sentence is in simple past tense because it starts with 'I thought,' here the verb 'thought' is in past form.
- According to the rules of grammar, the verb 'to be' in the erroneous part need to be in the past form which is 'was.'
- Therefore in the given sentence we need to use 'was' in place of 'to be' to make the sentence grammatically correct.
- Hence, the correct answer is option 1.

Correct sentence: *I thought the actress **was she**, but I was not sure.*

86. Answer: b

Explanation:

The correct answer is option 2) i.e. 'Definitely.'

★ Key Points

- Let's look at the meaning of the given word :

Word	Meaning
Absolutely	completely; beyond any doubt. (पूरी तरह; किसी भी संदेह से परे)

- Let's look at the meaning of the words given in the options:

Word	Meaning
Generally	usually, or in most situations. (आमतौर पर, या ज्यादातर स्थितियों में)
Definitely	without any doubt. (निसंदेह)
Doubtfully	in a way that shows feelings of doubt. (एक तरह से जो संदेह की भावना दिखाता है)
Questionably	not certain, or wrong in some way. (निश्चित नहीं है, या किसी तरह से गलत है)

- Clearly, the word 'Definitely' is closest in meaning to the given word 'Absolutely.'
- Therefore, the correct synonym of the given word is option 2.

87. Answer: d

Explanation:

The correct answer is option 4) i.e., 'Utopia.'

★ Key Points

- Let's look at the meaning of the marked option :

Word	Meaning
Utopia	a perfect society in which people are equal and work well with each other and are happy. (एक संपूर्ण समाज जिसमें लोग समान हैं और एक दूसरे के साथ अच्छा काम करते हैं और खुश हैं)

- Example :
 - I am not saying ancient people lived in a **utopia**.*
- Let's look at the meanings of the other given options:

Word	Meaning
Heaven	in some religions, the place, sometimes imagined to be in the sky, where God or the gods live and where good people are believed to go after they die, so that they can enjoy perfect happiness. (कुछ धर्मों में, वह स्थान, जिसे कभी-कभी आकाश में होने की कल्पना की जाती है, जहाँ भगवान या देवता रहते हैं और जहाँ यह माना जाता है कि मरने के बाद अच्छे लोग जाते हैं, ताकि वे पूर्ण सुख का आनंद ले सकें)
Eden	in the Bible, the garden where the first humans, Adam and Eve, lived in perfect happiness before they did not obey God and were ordered by him to leave. (बाइबल में, वह बाग जहाँ पहले इंसान, आदम और हव्वा, परमेश्वर की आज्ञा न मानने और उसके द्वारा जाने का आदेश दिए जाने से पहले पूर्ण खुशी में रहते थे)
Paradise	a place or condition of great happiness where everything is exactly as you would like it to be. (बहुत खुशी की जगह या स्थिति जहाँ सब कुछ ठीक वैसा ही हो जैसा आप चाहते हैं)

- Hence, from the given meanings, we find that 'Utopia' is the correct one-word substitute.
- So, the correct answer is option 4.

Correct one-word substitute: Utopia.

88. Answer: b

Explanation:

The correct answer is option 2) i.e., 'clean . '

★ Key Points

- The error lies in Part (to clean)of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- The verbs ' bid, make, help, feel, see, watch, hear', are used with the direct infinitive (without to) in active voice.
- In passive voice, these verbs are used with Infinitive (to + verb).
- The structure of these kinds of sentences is:
 - Active Voice: Subject + Verb + Object + Direct infinitive (without to).
 - Passive Voice: Object + be + V3 + Infinitive (to + verb) + by + Subject.
- Let's see an example:
 - Active voice: I have made her write a poem.
 - Passive voice: She has been made to write a poem by me.
- Therefore, in the erroneous part, the use of ' to clean 'in the sentence should be replaced with ' clean 'to make it grammatically correct .
- Therefore, the correct answer is Option 2.

Correct sentence:She made the children **clean** their room properly.

89. Answer: a

Explanation:

The correct answer is option 1) i.e. 'Insufficient.'

★ Key Points

- Let's look at the meanings of the given word and marked option:

Word	Meaning
Abundant	more than enough; a lot of. (पर्याप्त से अधिक; बहुत ज़्यादा)
Insufficient	not enough. (पर्याप्त नहीं)

- Let's look at the meanings of the other given options:

Word	Meaning
Devious	using indirect ways to get what you want, especially without showing your real purpose. (आप जो चाहते हैं उसे प्राप्त करने के लिए अप्रत्यक्ष तरीकों का उपयोग करना, विशेष रूप से अपना वास्तविक उद्देश्य दिखाए बिना)
Timorous	nervous and without much confidence. (नर्वस और बिना ज्यादा आत्मविश्वास के)
Spacious	large and with a lot of space. (बड़ा और बहुत सी जगह के साथ)

- Hence from the given meanings, we find that 'Abundant' and 'Insufficient' are antonyms.
- So, the correct answer is option 1.

90. Answer: c

Explanation:

The correct answer is option 3) i.e. "Associated."

★ Key Points

- The correct spelling is 'Associated'.
- 'Associated' means to be connected with. (जुड़ा होना)
- Example:
 - *She was ready to start her adventure to the Himalayas, with all its **associated** risks.*
- Therefore, '**Assosiated**' is incorrectly spelt among the given options.

- Hence, option 3 is the correct answer.

★ Additional Information

- Let's know the meaning of the other options:

Word	Meaning
Appliances	a device, machine, or piece of equipment, especially an electrical one that is used in the house. (एक उपकरण, मशीन, या उपकरण का टुकड़ा, विशेष रूप से एक विद्युत जो घर में उपयोग किया जाता है)
Phenomenon	something that exists and can be seen, felt, tasted, etc., especially something unusual or interesting. (कुछ ऐसा जो मौजूद है और देखा जा सकता है, महसूस किया जा सकता है, चखा जा सकता है, आदि, विशेष रूप से कुछ असामान्य या दिलचस्प)
Circuit	a closed system of wires or pipes through which electricity or liquid can flow. (तारों या पाइपों की एक बंद प्रणाली जिसके माध्यम से बिजली या तरल प्रवाहित हो सकता है)

91. Answer: d

Explanation:

The correct answer is option 4) i.e. 'Violent.'

★ Key Points

- Let's look at the meaning of the given word :

Word	Meaning
Turbulent	involving a lot of sudden changes, arguments, or violence. (बहुत सारे अचानक परिवर्तन, तर्क या हिंसा शामिल है)

- Let's look at the meaning of the words given in the options:

Word	Meaning
Ordered	carefully arranged or controlled. (सावधानीपूर्वक व्यवस्थित या नियंत्रित)
Peaceful	without violence. (हिंसा के बिना)
Non-violent	not involving fighting or the use of physical force. (लड़ाई या शारीरिक बल के उपयोग को शामिल नहीं करना)
Violent	sudden and powerful; using force to hurt or attack. (अचानक और शक्तिशाली; चोट या हमला करने के लिए बल का प्रयोग करना)

- Clearly, the word 'Violent' is closest in meaning to the given word 'Turbulent'.
- Therefore, the correct synonym of the given word is option 4.

92. Answer: b

Explanation:

The correct answer is option 4, i.e., 'devised.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
created	to make something new, or invent something. (कुछ नया करना, या कुछ आविष्कार करना)
devised	to invent a plan, system, object, etc., usually using your intelligence or imagination. (आमतौर पर अपनी बुद्धि या कल्पना का उपयोग करके एक योजना, प्रणाली, वस्तु आदि का आविष्कार करना)
planned	a set of decisions about how to do something in the future. (भविष्य में कुछ करने के तरीके के बारे में निर्णयों का एक समूह)
imagined	to form or have a mental picture or idea of something. (किसी चीज का मानसिक चित्र या विचार बनाना या बनाना)

- The context of the sentence is that to keep his secret private; he invented a brilliant solution.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "devised."
- Therefore, the correct answer is Option .
- Another example :
 - *The scientists **devised** a new way to treat cancer.*

Complete Sentence: *He **devised** a clever plan to safeguard his secret.*

93. Answer: a

Explanation:

The correct answer is option 1) i.e. "Flore."

★ Key Points

- The correct spelling is 'Floor .'
- ' Floor ' means the flat surface of a room on which you walk. (एक कमरे की सपाट सतह जिस पर आप चलते हैं)

- Example:
 - *The huge building has thirty-five floors.*
- Therefore, 'Flore' is incorrectly spelt among the given options.
- Hence, option 1 is the correct answer.

★ Additional Information

- Let's know the meaning of the other options:

Word	Meaning
Flock	a group of sheep, goats, or birds. (भेड़, बकरियों या पक्षियों का समूह)
Flame	a stream of hot, burning gas from something on fire. (आग पर किसी चीज से गर्म, जलती हुई गैस की धारा)
Flood	to cause to fill or become covered with water, especially in a way that causes problems. (पानी भरने या ढकने का कारण, विशेष रूप से एक तरह से जो समस्या पैदा करता है)

94. Answer: d

Explanation:

The erroneous part is option 4) i.e. 'the most valuable metal.'

★ Key Points

- The error lies in the part 'the most valuable metal.'
- According to the rules of nouns, after 'one of the' the noun is used in plural form.
- Therefore in the given sentence, we need to use 'the most valuable metals' in place of 'the most valuable metal' to make the sentence grammatically correct.
- Hence, the correct answer is option 4.

Correct sentence: *Radium is one of **the most valuable metals** in the world.*

95. Answer: a

Explanation:

The correct answer is option 1) i.e. 'hasn't she . '

★ Key Points

- The error lies in Part (does she)of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- According to the rules of Question tags, negative tags are attached with positive statements. The statement and the question tag should be in the same tense.
- In the given sentence, the statement is in the present perfect tense and a positive statement.
- So the question tag should be in the present perfect tense and negative tag.
- Therefore,in the erroneous part, the use of 'does she 'in the sentence should be replaced with ' hasn't she 'to make it grammatically correct .
- Therefore, the correct answer is Option 1.

Correct sentence:*She has one younger sister, **hasn'tshe?***

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96. Answer: c

Explanation:

The correct answer is option 3) i.e. 'lengthy.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
worthy	deserving respect, admiration, or support. (योग्य सम्मान, प्रशंसा या समर्थन)
frothy	a liquid with small white bubbles on the surface. (सतह पर छोटे सफेद बुलबुले वाला एक तरल)
lengthy	taking a long time. (लंबा समय लग रहा है)
filthy	extremely or unpleasantly dirty. (अत्यंत या अप्रिय रूप से गंदा)

- The context of the sentence is that the process of silk production takes a very long time and requires a lot of attention.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "lengthy."
- Therefore, the correct answer is Option 3.

Complete passage: Producing silk is a (1) *lengthy* process and demands close attention. First, quality feed for the silkworm needs to be (2) *cultivated*. Then, the worms need to be carefully hand-reared in controlled environmental (3) *condition* still the pupae spin the silk cocoons. The silk is extracted by the human hand and (4) *then* woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character, and (5) *classic* beauty.

Your Personal Exams Guide

97. Answer: c

Explanation:

The correct answer is option 3) i.e. 'cultivated.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
clobbered	to hit someone or something hard and repeatedly. (किसी को या किसी चीज को जोर से और बार-बार मारना)
chiselled	(of a man's face or features) strong and sharp, in an attractive way. ((एक आदमी के चेहरे या सुविधाओं का) एक आकर्षक तरीके से मजबूत और तेज)
cultivated	to prepare land and grow crops on it, or to grow a particular crop. (भूमि तैयार करना और उस पर फसलें उगाना, या किसी विशेष फसल को उगाना)
channelled	a way of communicating with people or getting something done. (लोगों के साथ संवाद करने या कुछ करने का एक तरीका)

- The context of the sentence is that the first step of silk production is to grow quality foods to feed the silkworms.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "cultivated."
- Therefore, the correct answer is Option 3.

Complete passage:Producing silk is a (1) *lengthy* process and demands close attention. First, quality feed for the silkworm needs to be (2) *cultivated*. Then, the worms need to be carefully hand-reared in controlled environmental (3) *condition* still the pupae spin the silk cocoons. The silk is extracted by human hand and (4) *then* woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5) *classic* beauty.

98. Answer: c

Explanation:

The correct answer is option 3) i.e. 'conditions.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
exhilarations	excitement and happiness. (उत्साह और खुशी)
felicitations	an expression used to wish someone happiness, or to praise or show approval. (एक अभिव्यक्ति किसी की खुशी की कामना, या प्रशंसा या अनुमोदन दिखाने के लिए प्रयोग की जाती है)
conditions	the physical situation that someone or something is in and affected by. (वह शारीरिक स्थिति जिसमें कोई व्यक्ति या कोई चीज होती है और जिससे प्रभावित होती है)
obstructions	something that blocks a road, passage, entrance, etc. (कुछ ऐसा जो सड़क, मार्ग, प्रवेश द्वार आदि को अवरुद्ध करता है।)

- The context of the sentence is that the silkworms must be expertly raised by hand in a controlled physical environment until the pupae spin the silk cocoons.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "conditions."
- Therefore, the correct answer is Option 3.

Complete passage: Producing silk is a (1) *lengthy* process and demands close attention. First, quality feed for the silkworm needs to be (2) *cultivated*. Then, the worms need to be carefully hand-reared in controlled environmental (3) *condition* still the pupae spin the silk cocoons. The silk is extracted by human hand and (4) *then* woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5) *classic* beauty.

99. Answer: c

Explanation:

The correct answer is option 3) i.e. ' then .'

★ Key Points

- Let's look at the use of the prepositions given in the options:

Conjunction	Usage
but	used to introduce an added statement, usually something that is different from what you have said before.
than	used to join two parts of a comparison.
then	used to show something next or after that.
only	used to show that there is a single one or very few of something, or that there are no others.

- The context of the sentence is that silk is extracted by hand and afterwards woven into fabric.
- Here, the conjunction **'then'** will be used to indicate the next step after the extraction of silk.
- According to the above-mentioned points, the most appropriate conjunction to fill in the blank is "then."
- Therefore, the correct answer is Option 3.

Complete passage: Producing silk is a (1) *lengthy* process and demands close attention. First, quality feed for the silkworm needs to be (2) *cultivated*. Then, the worms need to be carefully hand-reared in controlled environmental (3) *condition* still the pupae spin the silk cocoons. The silk is extracted by human hand and (4) *then* woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5) *classic* beauty.

100. Answer: a

Explanation:

The correct answer is option 1) i.e. 'classic.'

★ Key Points

- Let's look at the meaning of the words given in the options:

Word	Meaning
classic	having a high quality or standard against which other things are judged. (एक उच्च गुणवत्ता या मानक होना जिसके विरुद्ध अन्य चीजों को आंका जाता है)
dramatic	very sudden or noticeable, or full of action and excitement. (बहुत अचानक या ध्यान देने योग्य, या क्रिया और उत्तेजना से भरा हुआ)
drastic	actions which have severe and sudden or very noticeable effects. (ऐसे कार्य जिनके गंभीर और अचानक या बहुत ध्यान देने योग्य प्रभाव होते हैं)
arctic	belonging or relating to the Arctic region. (आर्कटिक क्षेत्र से संबंधित या संबंधित)

- The context of the sentence is that traditional hand-loom silk is always superior to power-loomed silk in terms of uniqueness, character, and high quality or standard beauty.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "classic."
- Therefore, the correct answer is Option 1.

Complete passage: Producing silk is a (1) *lengthy* process and demands close attention. First, quality feed for the silkworm needs to be (2) *cultivated*. Then, the worms need to be carefully hand-reared in controlled environmental (3) *condition* still the pupae spin the silk cocoons. The silk is extracted by human hand and (4) *then* woven into fabric. The traditional hand-loom silk always scores over the power looms in their individuality, character and (5) *classic* beauty.