

# Prepp

## Your Personal Exams Guide



NDA



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SSC MTS



SBI PO



BPS



UPTET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SSC GD Constable 2022 (English) Prev. Year Paper (12-Jan-2023) (Shift 2)

Total Time: 1 Hour

Total Marks: 160

## Instructions

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

- 1.) A total of 60 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

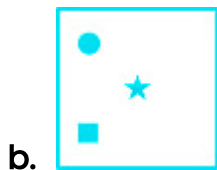
## General Intelligence and Reasoning

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

5, 13, 29, ?, 125, 253

- a. 75
- b. 58
- c. 61
- d. 52

2. Select the figure that will replace the question mark (?) in the following figure series. (+2, -0.5)





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



- a. 2  
b. 6  
c. 1  
d. 3

4. Six girls D, K, M, P, R and S are sitting around a circular table, facing the centre. S is sitting third to the left of R. P is sitting to the immediate right of R and to the immediate left of D. M is sitting to the immediate left of R. K is sitting to the immediate right of S and to the immediate left of M. Who is sitting at the third position from the left of D? (+2, -0.5)

- a. M  
b. P  
c. R  
d. S

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

?, HLEJ, JNGL, LPIN

- a. FJCH
- b. EDHI
- c. FJCD
- d. FGCF

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

**Statements:**

All gloves are bats.

All stumps are bats.

All bats are balls.

**Conclusions:**

I. All stumps are balls.

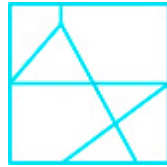
II. Some balls are gloves.

III. Some gloves are stumps.

- a. All conclusions follow
- b. Only conclusions I and II follow

- c. Only conclusions I and III follow
- d. Only conclusions II and III follow

7. Select the option picture that is embedded in the picture. (rotating is not allowed) (+2, -0.5)



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

RAIN : SZJM :: FALL : GZMK :: JUMP : ?

- a. KNTO

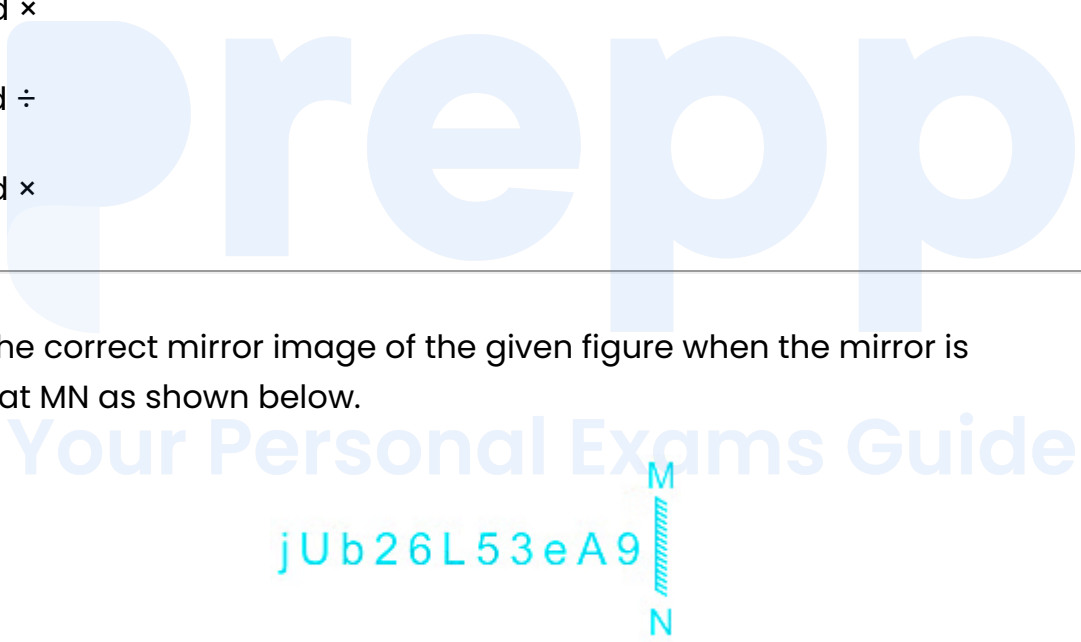
- b. KTNO
- c. KOTN
- d. OKTN

9. Which of the mathematical signs should be interchanged in the below equation to make it mathematically correct? (+2, -0.5)

$$3 + 78 \div 13 - 9 \times 117 = 126$$

- a. + and -
- b. + and ×
- c. + and ÷
- d. ÷ and ×

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



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

11. Which number will replace the question mark (?) in the following series? (+2, -0.5)

19, 21, ?, 134, 538, 2692

- a. 44
  - b. 38
  - c. 68
  - d. 84
- 

12. Seven people, A, B, C, D, E, F and G are sitting in a straight row, facing north. (+2, -0.5)

A sits third to the left of D. D sits to the extreme right. Only two people sit between A and F. B is an immediate neighbour of F. Only 1 person sits between C and D. G is not an immediate neighbour of A. How many people sit between F and C?

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

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

- 1. Peanut
- 2. Peasant
- 3. Peacock



4. Peach

5. Pencil

a. 4, 3, 5, 1, 2

b. 3, 4, 5, 1, 2

c. 4, 3, 1, 2, 5

d. 3, 4, 1, 2, 5

---

14. 'G + H' means 'G is the daughter of H'.

(+2, -0.5)

'G - H' means 'G is the husband of H'.

'G × H' means 'G is the brother of H'.

If the relationships in a family are represented as:  $A + Q - R + K - Y$ , then how is K related to A?

a. Brother

b. Father

c. Husband

d. Mother's father

---

15. Select the option that is related to the fifth term in the same way as the second term is related to the first term and the fourth term is related to the third term.

(+2, -0.5)

ARCS : ENHN :: GHAT : KDFO :: MUSK : ?

a. PRYE

- b. QRXE
- c. PQYF
- d. QQXF

---

16. Which of the following letters will replace the question mark (?) and complete the following letter series? (+2, -0.5)

T, R, P, N, L, J, ?

- a. I
- b. H
- c. F
- d. G

---

17. In a certain coded language, 'distant face' is coded as 'human sad', 'face stairs' is coded as 'sad overpower', 'distant cup' is coded as 'human tea', and 'stairs cup' is coded as 'overpower tea'. What is the code word for 'face'? (+2, -0.5)

- a. overpower
- b. tea
- c. human
- d. sad

---

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

fourth term.

$$169 : 182 :: 225 : 240 :: ? : 306$$

- a. 291
- b. 289
- c. 192
- d. 195

---

19. In a certain code language, 'TRUTH' is coded as UQVSI and 'FIRST' is coded as GHSRU. How will 'WHITE' be coded in that language? (+2, -0.5)

- a. DSRGV
- b. XIJUF
- c. VGHSD
- d. XGJSF

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

$$72 \times 3 + 32 \div 4 - 16 = 136$$

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

## General Knowledge and General Awareness

21. Sphalerite is the ore of which of the following metals? (+2, -0.5)

- a. Copper
- b. Silver
- c. Zinc
- d. Tin

22. \_\_\_\_\_ are present only in plant cells. (+2, -0.5)

- a. Mitochondria
- b. Nucleus
- c. Golgi apparatus
- d. Plastids

23. Nishagandhi Nritya Utsav is celebrated in which state of India? (+2, -0.5)

- a. Kerala
- b. Tamil Nadu
- c. Telangana
- d. Karnataka

24. Which of the following oilseeds is grown both, as a rabi crop and a kharif crop? (+2, -0.5)

- a. Linseed
  - b. Groundnut
  - c. Mustard
  - d. Castor seed
- 

25. On which of the following issues, Lok Sabha and Rajya Sabha don't enjoy equal powers? (+2, -0.5)

- a. Impeaching the Judges of the Supreme Court and High Court
  - b. Impeaching the President
  - c. Constitutional amendments
  - d. Passing of money bills
- 

26. Which hills in Meghalaya receive the maximum rainfall? (+2, -0.5)

- a. Khasi hills
  - b. Aravali
  - c. Nilgiri
  - d. Shivalik
- 

27. Which country surrounds Tripura from west, north and south sides? (+2, -0.5)

- a. Bhutan
- b. Vietnam

- c. Myanmar
  - d. Bangladesh
- 

28. Theme of eleventh five year plan in India, was \_\_\_\_\_ . (+2, -0.5)

- a. Population Growth
  - b. Equal Pay for Equal Work
  - c. Towards Faster & More Inclusive Growth
  - d. Inflation Growth
- 

29. The 36<sup>th</sup> edition of the 2022 National Games of India was held in the state of \_\_\_\_\_ . (+2, -0.5)

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

30. The total value of goods and services traded is considered to be the \_\_\_\_\_ of trade. (+2, -0.5)

- a. Volume
- b. Composition
- c. Direction

d. Exhibition

---

31. Alarmel Valli a classical dancer who received the Padma Bhushan is known for \_\_\_\_\_ . (+2, -0.5)

- a. Mohiniattam
  - b. Bharatnatyam
  - c. Kuchipudi
  - d. Kathakali
- 

32. Article 17 of the Constitution of India deals with \_\_\_\_\_ . (+2, -0.5)

- a. abolition of untouchability
  - b. equality before law
  - c. abolition of titles
  - d. right to education
- 

33. Which of the following is NOT a part of revenue budget of the government? (+2, -0.5)

- a. Non-tax Revenue
  - b. Tax Revenue
  - c. Plan Revenue Expenditure
  - d. Plan Capital Expenditure
-

34. The Rig Veda is a collection of \_\_\_\_\_ hymns. (+2, -0.5)

- a. 1028
  - b. 1076
  - c. 1124
  - d. 1152
- 

35. Who among the following became the chief minister of Uttar Pradesh in March 2022? (+2, -0.5)

- a. Akhilesh Yadav
  - b. Mayawati
  - c. Mulayam Singh Yadav
  - d. Yogi Adityanath
- 

36. Who has been elected as the lifetime president of Yuvajana Sramika Rythu Congress Party in July 2022? (+2, -0.5)

- a. Ajay Maken
  - b. Avinash Pandey
  - c. Jagan Mohan Reddy
  - d. Jitendra Singh
-



37. \_\_\_\_\_ was an Act passed to make a provision for levy and collection of tax on intra-State supply of goods or services. (+2, -0.5)

- a. The Central Goods and Services Tax Act
- b. The Central Gifts and Services Tax Act
- c. The Central Goods and Secured Tax Act
- d. The Cost of Goods and Services Tax Act

38. Awadh was annexed by the British in \_\_\_\_\_. (+2, -0.5)

- a. 1845
- b. 1856
- c. 1838
- d. 1859

39. Famous Indian Boxer Mary Kom is from which state? (+2, -0.5)

- a. Nagaland
- b. Manipur
- c. Tamil Nadu
- d. Mizoram

40. Which among the following festivals is also known as "Festival of Festivals"? (+2, -0.5)

- a. Chapchar Kut
- b. Hornbill Festival
- c. Moatsu
- d. Wangala

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## Elementary Mathematics

41. In a store, an item with an MRP of Rs. 28,500 is available at a discounted price of Rs. 27,645. What is the percentage of discount given on that item? (+2, -0.5)
- a. 1%
  - b. 3%
  - c. 4%
  - d. 2%
- 
42. If the difference between compound interest, compounding annually and simple interest on a certain sum at 10% per annum for 2 years is ₹464, then find the sum invested. (+2, -0.5)
- a. ₹46,040
  - b. ₹46,400
  - c. ₹44,006
  - d. ₹44,600
- 
43. The marked price of an item is 25% more than the cost. What should be the discount on the selling price to earn 10% profit? (+2, -0.5)
- a. 12%
  - b. 15%
  - c. 10.5%
  - d. 12.5%

---

44. The length of the rectangle is three times its breadth. If its length is decreased by 7 cm and breadth is increased by 7 cm, its area is increased by  $21 \text{ cm}^2$ . The length of the first rectangle is: (+2, -0.5)

- a. 12 cm
- b. 18 cm
- c. 21 cm
- d. 15 cm

---

45. A sum of Rs. P was borrowed and paid back in two equal yearly instalments, each of Rs. 35,280. If the rate of interest was 5% per annum and interest is compounding annually, then the value of P is ----- (+2, -0.5)

- a. Rs. 64,400
- b. Rs. 65,600
- c. Rs. 65,400
- d. Rs. 64,800

---

46. A five-digit number 32054 is divisible by 11. If the digits are rearranged in increasing order, then the new number which is formed will be divisible by: (+2, -0.5)

- a. 3
- b. 11
- c. 5

d. 2

---

47. 30 men cut 50 trees in 10 h. If 10 men leave the job, how many trees will be cut in 15 h? (+2, -0.5)

a. 50

b. 45

c. 55

d. 60

---

48. Find the fourth proportional to the numbers 36, 48 and 90. (+2, -0.5)

a. 120

b. 67.5

c. 64

d. 40

---

49. In a mixture of 60 litres, the ratio of milk and water is 2 : 3. What amount of water must be added to make the ratio of milk and water 1 : 2? (+2, -0.5)

a. 56 litres

b. 60 litres

c. 76 litres

d. 12 litres

---

50. What is the HCF of  $\frac{4}{5}$ ,  $\frac{8}{15}$ ,  $\frac{2}{35}$ ?

(+2, -0.5)

a.  $\frac{2}{525}$

b.  $\frac{2}{105}$

c.  $\frac{4}{105}$

d.  $\frac{2}{75}$

51. What is the average of the first six even numbers?

(+2, -0.5)

a. 10

b. 5

c. 6

d. 7

52. A person can row 88 km downstream in 11 h, and 72 km upstream in 12 h.  
What is the speed of the current?

(+2, -0.5)

a. 1 km/h

b. 2 km/h

c. 1.5 km/h

d. 3 km/h

53. Suman buys 40 kg of wheat at Rs. 12.50/kg and 30 kg of wheat at Rs. 14/kg.  
At what rate per kg should he sell the mixture to gain 5% on the whole?

(+2, -0.5)

- a. Rs. 14.80
- b. Rs. 13.80
- c. Rs. 12.80
- d. Rs. 11.80

---

54. Kapil and Prakash together can do a piece of work in 45 days. Prakash and Pihu together can do it in 60 days. Kapil and Pihu together can do it in 60 days. In how many days will Kapil, Prakash and Pihu finish it together? (+2, -0.5)

- a. 42 days
- b. 38 days
- c. 36 days
- d. 34 days

---

55. A cylindrical tank has a capacity of  $5632 \text{ m}^3$ . If the diameter of its base is 8 m, what is the depth of the cylindrical tank? (Use  $\pi = \frac{22}{7}$ ) (+2, -0.5)

- a. 112 m
- b. 118 m
- c. 116 m
- d. 114 m

---

56. The weight of a baby is increased from 3.2 kg to 6 kg in 3 months. The percent increase in weight of the baby is: (+2, -0.5)

- a. 75.5 percent
- b. 87.5 percent
- c. 70.5 percent
- d. 82.5 percent

---

57. Munaf and Surya start simultaneously at the same point on a circular track and run along the track in the same direction. The point on the track at which they meet for the 31<sup>st</sup> time is the same as that at which they meet for the 43<sup>rd</sup> time. If the ratio of the speed of the faster boy to that of the slower one is  $n : 1$ , where 'n' is a natural number, which of the following is NOT a possible value of 'n'? (+2, -0.5)

- a. 5
- b. 4
- c. 3
- d. 6

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58. In an election between two candidates, one who gets 64% of the votes polled is elected by a majority of 4,340 votes. What is the total number of votes polled? (considering that all the polled votes are valid) (+2, -0.5)

- a. 15500
- b. 16500
- c. 16000
- d. 15000



---

59. Shashi buys an old refrigerator for ₹12,000 and spends ₹1,000 on its repairs. If he sells the refrigerator for ₹15,000, then his gain percentage is: (+2, -0.5)

- a.  $13\frac{5}{13}\%$
- b.  $14\frac{5}{13}\%$
- c.  $15\frac{5}{13}\%$
- d.  $16\frac{5}{13}\%$

---

60. The average of 9 numbers is 15. If the average of the first five numbers is 13 and the average of the last five numbers is 17, then what is the fifth number? (+2, -0.5)

- a. 16
- b. 18
- c. 15
- d. 20

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## English

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

Omnipresent

- a. Powerful
- b. Unique
- c. Contemporary
- d. Universal

---

62. Choose the sentence that is in simple past tense: (+2, -0.5)

- A. I was giving some of the chocolates to my younger sister.
- B. I had been giving some of the chocolates to my younger sister.
- C. I had given some of the chocolates to my younger sister.
- D. I gave some of the chocolates to my younger sister.

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

---

63. Select the most appropriate synonym of the word given in brackets to fill in the blank. (+2, -0.5)

Dishonest people always \_\_\_\_\_ (deceive) others.

- a. assist
  - b. cheat
  - c. gladden
  - d. defend
- 

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

I asked Rita that how far her school was.

- a. how far her school is
  - b. that how her school is
  - c. then how far her school was
  - d. how far her school was
- 

65. Select the INCORRECTLY spelt word. (+2, -0.5)

- a. Passage
  - b. Pancake
  - c. Pasion
  - d. Modern
- 

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

Awkward

- a. Dormant
  - b. Asleep
  - c. Clever
  - d. Unskillful
- 

67. Select the most appropriate ANTONYM for the underlined word in the following sentence. (+2, -0.5)

He neglected his duties and was dismissed from his job.

- a. Succeeded
  - b. Ignored
  - c. Attended
  - d. Scorned
- 

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

My mother was \_\_\_\_\_ at my negligence and scolded me.

- a. energetic
  - b. furious
  - c. thrilled
  - d. pleased
- 

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

Light at the end of tunnel

- a. Something that signals the end of a difficult situation
  - b. An opening at the end of a matter
  - c. New light coming out from darkness
  - d. Preparing for examinations
- 

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

Retain

- a. Maintain
  - b. Forget
  - c. Restore
  - d. Attain
- 

71. Select the most appropriate meaning of the idiom in bold in the given sentence. (+2, -0.5)

Because the shop is closing down, most of the stock is going **for a song**.

- a. Incredibly expensive
  - b. Incredibly inexpensive
  - c. Something that is soothing to your ears
  - d. Receive punishment
-

72. Select the most appropriate ANTONYM to substitute the underlined word in the given sentence. (+2, -0.5)

The goods being sold are of inferior quality.

- a. superior
  - b. anterior
  - c. exterior
  - d. ulterior
- 

73. Select the INCORRECTLY spelt word. (+2, -0.5)

- a. Nutrient
  - b. Suitable
  - c. Seperate
  - d. Permanent
- 

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

Benign

- a. Favourable
  - b. Wicked
  - c. Friendly
  - d. Cheerful
-

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

The way someone talks and behaves introduces the characteristics of a person.

- a. symbolises the gestures
- b. effects the aura
- c. defines the personality
- d. postulates the personality

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

Notebook software is included (1) \_\_\_\_\_ the SMART Board Interactive Whiteboard device. This programme includes a (2) \_\_\_\_\_ of tools for differentiating education. Professors and students can write on the SMART Board screen using a digital pen or (3) \_\_\_\_\_ finger if they have a SMART Board. Notebook files may be saved in various formats, printed, emailed, or posted, providing students with a total (4) \_\_\_\_\_ to course materials. Essentially, having a SMART Board available may (5) \_\_\_\_\_ everything that can be done on a computer.

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

- a. upon
- b. to
- c. along

d. with

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

Notebook software is included (1)\_\_\_\_\_ the SMART Board Interactive Whiteboard device. This programme includes a (2)\_\_\_\_\_ of tools for differentiating education. Professors and students can write on the SMART Board screen using a digital pen or (3)\_\_\_\_\_ finger if they have a SMART Board. Notebook files may be saved in various formats, printed, emailed, or posted, providing students with a total (4)\_\_\_\_\_ to course materials. Essentially, having a SMART Board available may (5)\_\_\_\_\_ everything that can be done on a computer.

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

- a. total
- b. limit
- c. number
- d. design

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

Notebook software is included (1)\_\_\_\_\_ the SMART Board Interactive Whiteboard device. This programme includes a (2)\_\_\_\_\_ of tools for differentiating education. Professors and students can write on the SMART Board screen using a digital pen or (3)\_\_\_\_\_ finger if they have a SMART Board. Notebook files may be



saved in various formats, printed, emailed, or posted, providing students with a total (4)\_\_\_\_\_ to course materials. Essentially, having a SMART Board available may (5)\_\_\_\_\_ everything that can be done on a computer.

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

- a. their
- b. there
- c. those
- d. these

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

Notebook software is included (1)\_\_\_\_\_ the SMART Board Interactive Whiteboard device. This programme includes a (2)\_\_\_\_\_ of tools for differentiating education. Professors and students can write on the SMART Board screen using a digital pen or (3)\_\_\_\_\_ finger if they have a SMART Board. Notebook files may be saved in various formats, printed, emailed, or posted, providing students with a total (4)\_\_\_\_\_ to course materials. Essentially, having a SMART Board available may (5)\_\_\_\_\_ everything that can be done on a computer.

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

- a. access
- b. validity
- c. download

d. exception

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

(+2, -0.5)

Notebook software is included (1)\_\_\_\_\_ the SMART Board Interactive Whiteboard device. This programme includes a (2)\_\_\_\_\_ of tools for differentiating education. Professors and students can write on the SMART Board screen using a digital pen or (3)\_\_\_\_\_ finger if they have a SMART Board. Notebook files may be saved in various formats, printed, emailed, or posted, providing students with a total (4)\_\_\_\_\_ to course materials. Essentially, having a SMART Board available may (5)\_\_\_\_\_ everything that can be done on a computer.

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

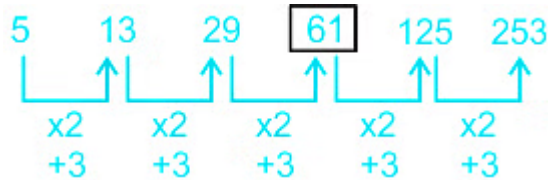
- a. form
- b. enlighten
- c. create
- d. enhance

## Answers

1. Answer: c

Explanation:

Logic : Each number is first multiplied by (2) and then (3) is added subsequently.



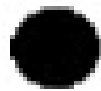
Hence, "61" is the correct answer.

2. Answer: b

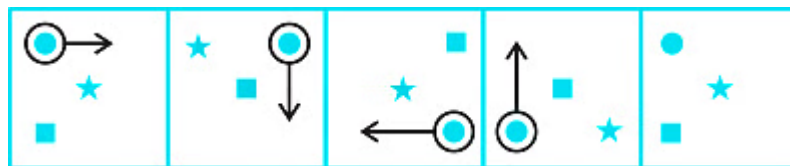
Explanation:

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

1) For ' ?



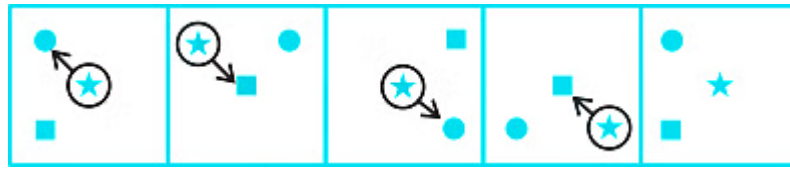
' element : Shifting in the clockwise direction subsequently.



2) For ' ?



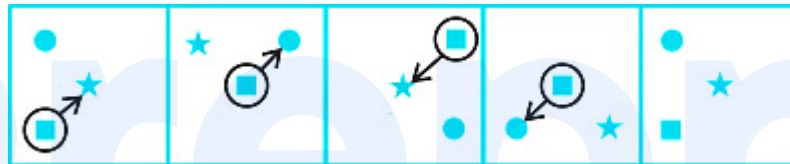
' element : Shifting diagonally to left corner upwards then right corner downwards direction subsequently.



3) For '



' element : Shifting diagonally to right corner upwards then left corner downwards direction subsequently.



Final series is :



Hence, 'option - (2)' is the correct answer.

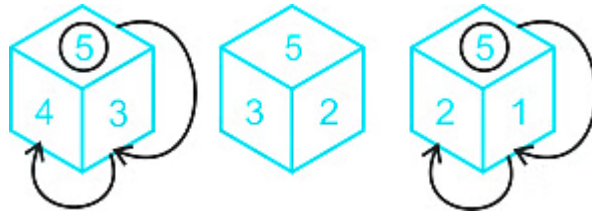
### 3. Answer: a

#### Explanation:

The logic followed here is :-

From the given three different cubes taking figure 1 and figure 3 ,the adjacent sides are as shown below :

As 5 is common on both figure 1 and figure 3, it is clear that 1, 2, 3 and 4 are adjacent to it and remaining number i.e., 5 will be opposite to it.



Opposite pairs:

1 → 3

2 → 4

5 → 6

So, the opposite side of "2" will be side "4".

Hence, the correct answer is "4".

**4. Answer: a**

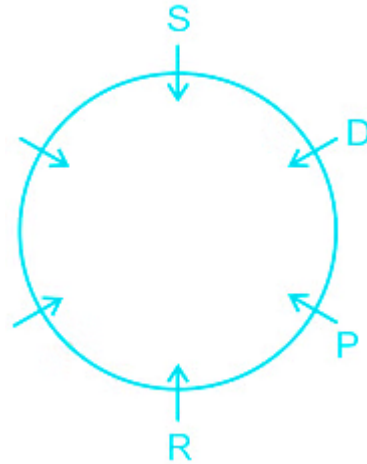
**Explanation:**

Given :

1. Six girls – D, K, M, P, R and S.
2. All of them are sitting around a circular table.
3. All of them are facing the centre.

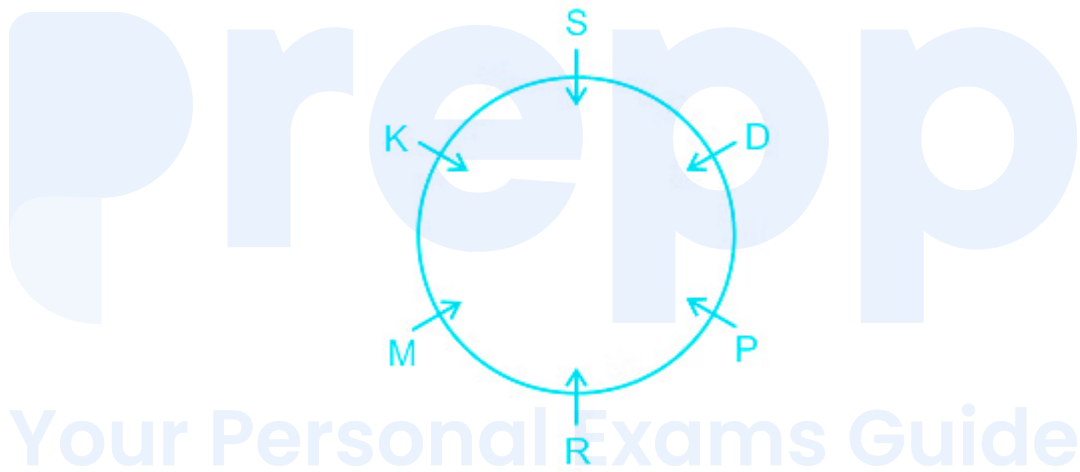
**Explanation :**

- 1) S is sitting third to the left of R.
- 2) P is sitting to the immediate right of R and to the immediate left of D.



3) M is sitting to the immediate left of R.

4) K is sitting to the immediate right of S and to the immediate left of M.



Thus, according to the final arrangement M is sitting at the third position from the left of D.

Hence, "M" is the correct answer.

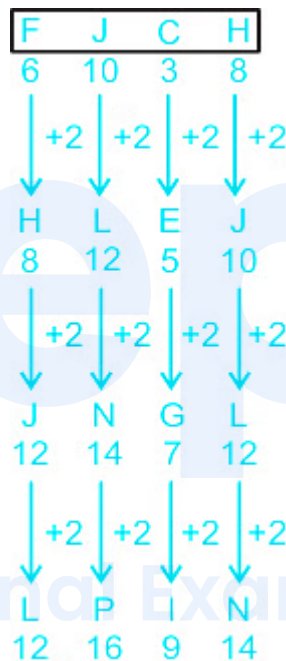
5. Answer: a

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

Logic : (2) is added to the position value according to the English alphabetic series.

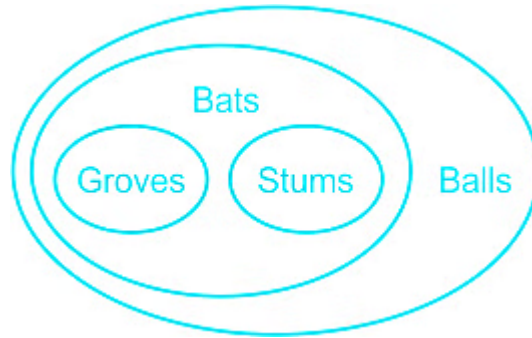
So,



Hence, "FJCH " is the correct answer.

6. Answer: b

Explanation:



I. All stumps are balls.  $\Rightarrow$  This conclusion **follows logically** from the statements. [ All stumps are bats, All bats are balls. Therefore, if all stumps are bats and all bats are balls, it follows that all stumps are balls.]

II. Some balls are gloves.  $\Rightarrow$  This conclusion **also follows logically** from the statements. [All gloves are bats and All bats are balls. Therefore, if all gloves are bats and all bats are balls, it **follows** that some balls are gloves.]

III. Some gloves are stumps.  $\Rightarrow$  This conclusion **does not follow** from the statements. [While both gloves and stumps are bats (from the first and second statements), there is no direct relationship established between gloves and stumps. Therefore, this conclusion does not logically follow from the given statements.]

So, based on the principles of syllogism, only conclusions I and II logically follow from the given statements.









Hence, the correct answer is "Only conclusions I and II follow"

## 7. Answer: b

### Explanation:

The image embedded in given figure is as shown below :



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

∴ Here, Option figure 2 is embedded in given figure.

Hence, the correct answer is "Option-(2)".

8. 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 :- Alternately (1) is added to and subtracted from the positional value according to the English alphabetic series.

So,

- RAIN : SZJM



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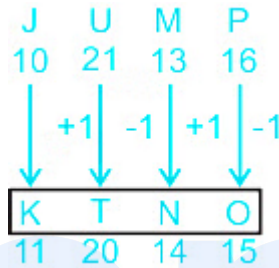
And,

- FALL : GZMK



Similarly,

- JUMP : ?



Hence, the correct answer is "KTNO".

9. Answer: b

Explanation:

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

Given equation :  $3 + 78 \div 13 - 9 \times 117 = 126$

Now, by interchanging the signs

- Option - (1) : + and -

$$3 + 78 \div 13 - 9 \times 117 = 126 \Rightarrow 3 - \underline{78 \div 13} + 9 \times 117 = 126$$

$$3 - 6 + \underline{9 \times 117} = 126$$

$$\underline{3 + 1053} - 6 = 126$$

$$\underline{1056 - 6} = 126$$

$$1050 \neq 126 \text{ (LHS} \neq \text{RHS)}$$

- Option - (2) : + and ×

$$3 + 78 \div 13 - 9 \times 117 = 126 \Rightarrow 3 \times \underline{78 \div 13} - 9 + 117 = 126$$

$$\underline{3 \times 6} - 9 + 117 = 126$$

$$\underline{18 + 117} - 9 = 126$$

$$\underline{135 - 9} = 126$$

$$126 = 126 \text{ (LHS} = \text{RHS)}$$

- Option - (3) : + and ÷

$$3 + 78 \div 13 - 9 \times 117 = 126 \Rightarrow \underline{3 \div 78} + 13 - 9 \times 117 = 126$$

$$0.03 + 13 - \underline{9 \times 117} = 126$$

$$\underline{0.03 + 13} - 1053 = 126$$

$$\underline{13.03 - 1053} = 126$$

$$-1039.97 \neq 126 \text{ (LHS} \neq \text{RHS)}$$

- Option - (4) : ÷ and ×

$$3 + 78 \div 13 - 9 \times 117 = 126 \Rightarrow 3 + 78 \times 13 - \underline{9 \div 117} = 126$$

$$3 + \underline{78 \times 13} - 0.07 = 126$$

$$\underline{3 + 1014} - 0.07 = 126$$

$$\underline{1017 - 0.07} = 126$$

$1016.93 \neq 126$  (LHS  $\neq$  RHS)

Hence, "Option - (2) " is the correct answer.

10. Answer: a

Explanation:

The mirror image of given figure will be



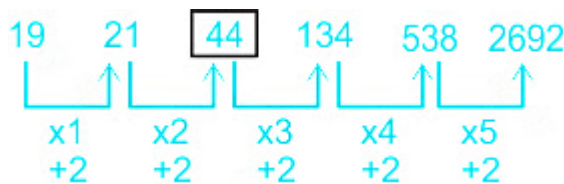
Hence, the correct answer is "Option 1".

11. Answer: a

Explanation:

The logic followed here is:

- Each number is multiplied by a whole number series starting with (1) subsequently.
- After multiplying (2) is added to each number.



Hence, "44" is the correct answer.

12. Answer: c

**Explanation:**

Given :

1. Seven people - A, B, C, D, E, F and G.
2. All of them are sitting in a straight row.
3. All of them are facing north direction.

**Explanation :**

- 1) A sits third to the left of D.
- 2) D sits to the extreme right.
- 3) Only two people sit between A and F.



- 4) B is an immediate neighbour of F.
- 5) Only 1 person sits between C and D.
- 6) G is not an immediate neighbour of A.

After positioning B, C and G only one position is left which will be occupied by the only person left i.e E.



Thus, according to the final arrangement three people sit between F and C i.e B, E and A.

Hence, "3" is the correct answer.

13. Answer: c

Explanation:

The correct order according to the English dictionary is:

- 4. Peach
- 3. Peacock
- 1. Peanut
- 2. Peasant
- 5. Pencil

Hence the correct answer is option 3) 4, 3, 1, 2, 5

14. Answer: d

Explanation:

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

Given :



G is			
Symbol	+	-	×
Meaning	Daughter	Husband	Brother
to H			

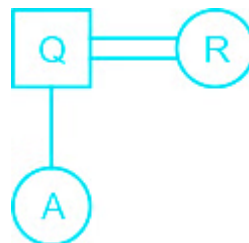
Given statement :-  $A + Q - R + K - Y$

So,

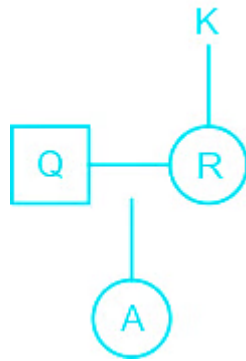
- $A + Q \rightarrow$  A is the daughter of Q.



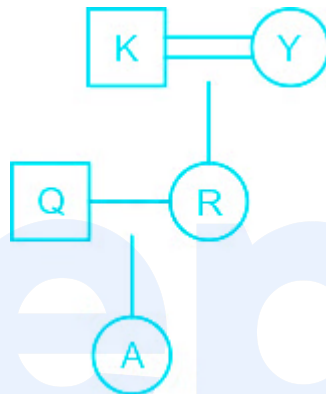
- $Q - R \rightarrow$  Q is the husband of R.



- $R + K \rightarrow$  R is the daughter of K.



- K - Y → K is the husband of Y.



Thus, according to the final family tree K is the maternal grandfather i.e mother's father of A.

Hence, " Mother's father " is the correct answer.

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15. Answer: d

Explanation:

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

The logic followed here is :-

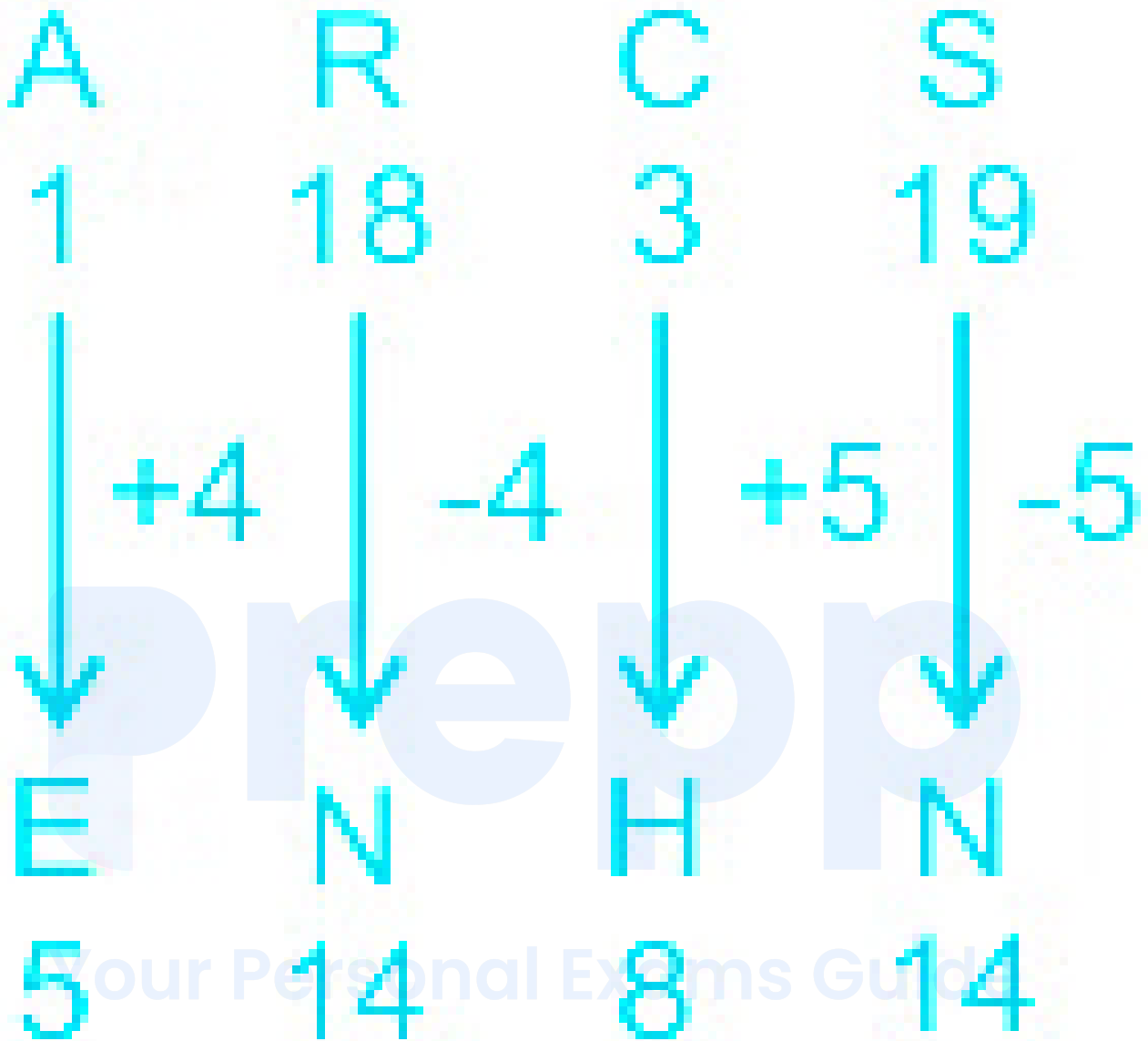
1. First letter  $\Rightarrow$  (4) is added to the position value according to the English alphabetic series.
2. Second letter  $\Rightarrow$  (4) is subtracted from the position value according to the English alphabetic series.
3. Third letter  $\Rightarrow$  (5) is added to the position value according to the English alphabetic series.
4. Fourth letter  $\Rightarrow$  (5) is subtracted from the position value according to the English alphabetic series.

So,

- ARCS : ENHN



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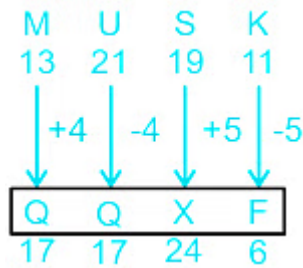
And,

- GHAT : KDFO



Similarly,

- MUSK : ?



Hence, the correct answer is "QQXF".

**16. Answer: b**

**Explanation:**

According to the English alphabet series, positional values are:

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 pattern followed here is:

$T - 2 = R$

$R - 2 = P$

$P - 2 = N$

$N - 2 = L$

$L - 2 = J$

$J - 2 = H$

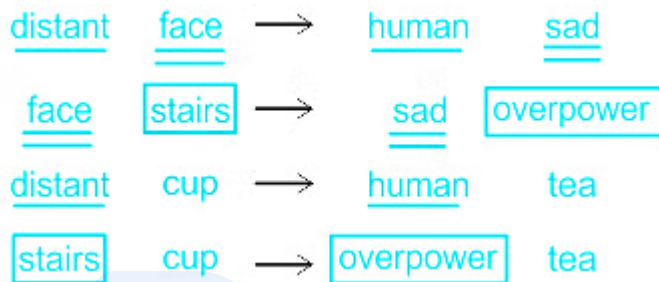
Hence, the correct answer is "H".

---

17. Answer: d

Explanation:

On following the given pattern we get that :



Hence, code word of face is "sad".

---

18. Answer: b

Explanation:

The logic followed here is:

Logic:  $\sqrt{\text{1st number}} \times \{\sqrt{\text{1st number}} + 1\} = \text{2nd number}$ .

Now, For, 169 : 182

$$\Rightarrow \sqrt{169} \times (13 + 1) \Rightarrow 13 \times 14 = 182.$$

For, 225 : 240

$$\Rightarrow \sqrt{225} \times 16$$

$$\Rightarrow 15 \times 16 = 240$$

Similarly,

for ? : 306

$$\Rightarrow \sqrt{?} \times \{\sqrt{?} + 1\} = 306$$

$$\Rightarrow x(x + 1) = 306 \text{ [Let } \sqrt{?} = x \text{ ]}$$

$$\Rightarrow x^2 + x - 306 =$$

$$\Rightarrow x = -18, 17$$

$$\Rightarrow x = 17 \text{ (negative values can not be answered)}$$

$$\Rightarrow ? = 17^2 = 289$$

Hence, the correct answer is 17.

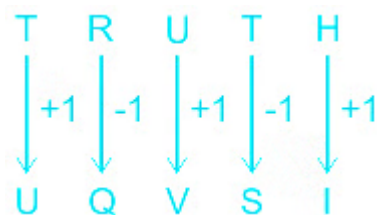
19. Answer: d

Explanation:

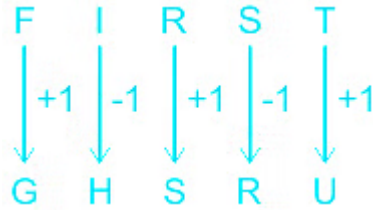
According to the English alphabets and their positional values:

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

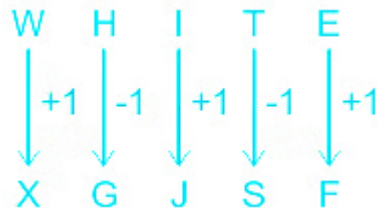
The pattern followed in the given codes is:



And



Similarly,



Hence the correct answer is option 4).

20. Answer: a

Explanation:

$$72 \times 3 + 32 \div 4 - 16 = 136$$

Option 1:  $\times$  and  $\div$

After replacing signs, the statement is,

$$\Rightarrow \underline{72 \div 3} + \underline{32 \times 4} - 16$$

Using BODMAS,

$$\Rightarrow \underline{24 + 128} - 16$$

$$\Rightarrow 152 - 16$$

$$\Rightarrow 136$$

Option 2:  $\div$  and  $-$



After replacing signs, the statement is,

$$\Rightarrow 72 \times 3 + 32 - 4 \div 16$$

Using BODMAS,

$$\Rightarrow 216 + 32 - 0.25$$

$$\Rightarrow \mathbf{247.75 \neq 136}$$

Option 3: + and -

After replacing signs, the statement is,

$$\Rightarrow 72 \times 3 - 32 \div 4 + 16$$

Using BODMAS,

$$\Rightarrow 216 - 8 + 16$$

$$\Rightarrow \mathbf{224 \neq 136}$$

Option 4:  $\times$  and +

After replacing signs, the statement is,

$$\Rightarrow 72 + 3 \times 32 \div 4 - 16$$

Using BODMAS,

$$\Rightarrow 72 + 24 - 16$$

$$\Rightarrow \mathbf{80 \neq 136}$$

Hence, **Option 1** is the correct answer.

---

21. **Answer: c**

**Explanation:**

The correct answer is Zinc.

★ Key Points

- **Sphalerite** is a mineral that is the primary ore of **zinc**.
- It is a **zinc sulfide (ZnS)** mineral and is commonly found in **hydrothermal veins**, as well as in **sedimentary** and **metamorphic deposits**.
- **Sphalerite** is usually **yellow, brown, or black** in color and has a resinous or **greasy luster**.
- **Zinc** is an important metal that is widely used in various industries.
- It has excellent **anti-corrosion properties** and is commonly used as a **protective coating for steel (galvanization)**.
- **Zinc** is also an essential nutrient for humans and plays a vital role in various **biological processes**.

★ Additional Information

- **Copper:** Copper ore is typically found in minerals such as **chalcopyrite, bornite, and malachite**.
- **Silver:** Silver is often found in its native form or in various silver-bearing minerals such as **argentite and proustite**.
- **Tin:** Tin is commonly obtained from the mineral **cassiterite**, which is a **tin oxide ore**.

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22. Answer: d

**Explanation:**

The correct answer is Option 4.

★ Key Points

- **Plastids** are **membrane-bound organelles** found only in **plant cells** and some **algae**.
- They are involved in various **cellular functions** and are responsible for several important processes in **plants**, such as **photosynthesis, storage of pigments,**

and synthesis of essential compounds.

- **Mitochondria, nucleus, and Golgi apparatus** are present in both **plant** and **animal cells**.
  - **Mitochondria** are the **powerhouse of the cell** and are responsible for **energy production**.
  - **The nucleus** is the control center of the **cell**, containing the **genetic material**.
  - **The Golgi apparatus** is involved in **modifying, sorting, and packaging proteins for transportation** within the **cell** or for secretion outside the cell.

### ★ Additional Information

- A **plant cell** is a **eukaryotic cell** found in **plants**.
- It has a **rigid cell wall** made of **cellulose** and contains **chloroplasts** for **photosynthesis**.
- **Plant cells** have a **large central vacuole** for **storage** and **maintaining cell rigidity**.
- They also have a **nucleus, various organelles, and plasmodesmata** for **cell communication**.
- **Plant cells** are specialized for **photosynthesis** and have unique structures to carry out this process.

---

23. **Answer: a**

### **Explanation:**

The correct answer is Option 1.

### ★ Key Points

- **Nishagandhi Nritya Utsav** is celebrated in the state of **Kerala, India**.
- The festival is organized by the **Department of Tourism, Government of Kerala**, and is held annually in **Thiruvananthapuram, the capital city of Kerala**.
- **Nishagandhi Nritya Utsav** is a week-long **dance festival** that showcases various classical dance forms of India, including **Bharatanatyam, Kathak, Odissi, Kuchipudi, and Mohiniyattam, among others**.

★ Additional Information

- **Tamil Nadu:** Pongal is a popular Tamil festival celebrated to give thanks to the Sun God for a bountiful harvest.
  - The main focus of Pongal is the preparation of a special dish called **Pongal**, which is made from newly harvested **rice, jaggery, and other ingredients**.
  - The festival also involves the decoration of houses with **colorful kolam (rangoli) designs, traditional music and dance performances, and the exchange of gifts**.
- **Telangana:** Bathukamma is a vibrant and colorful **floral festival** celebrated by the people of Telangana.
  - It is primarily a **women's festival that lasts for nine days, usually in September or October**.
  - **Bathukamma** involves the **worship of the goddess Gauri in the form of Bathukamma, a beautiful flower stack arranged with various types of seasonal flowers**.
- **Karnataka:** **Mysore Dasara** is a grand and culturally rich festival celebrated in the city of **Mysore, Karnataka**.
  - It is a ten-day festival that typically occurs in **September or October**.
  - The festival features a majestic procession known as **Jumbo Savari, where a decorated elephant carries the idol of the goddess through the streets of Mysore**.
  - The festival also includes various **cultural performances, exhibitions, food fairs, and a grand display of illuminated palaces and buildings**.

---

24. Answer: d

**Explanation:**

The correct answer is Option 4.

★ Key Points

- **Castor seed** is the **oilseed** that can be grown both as a **rabi crop** and a **kharif crop**.
- **Castor plants** are adaptable to various **climatic conditions**, and farmers have the option to **cultivate** them in either the **rabi season** or the **kharif season**, depending on their regional climate and preferences.

★ Additional Information

- **Rabi Crops:**
  - **Rabi crops** are sown in **winter**, typically from **October to December**, and harvested in **spring**, around **March to April**.
  - These crops require a **cooler temperature** for their **growth** and **development**.
  - Some examples of **rabi crops** include **wheat, barley, oats, mustard, peas, chickpeas, and linseed**.
  - These crops are well-suited to regions with a **temperate climate** and are dependent on irrigation or winter rainfall.
- **Kharif Crops:**
  - **Kharif crops** are sown in the monsoon season, generally from **June to July**, and harvested in the autumn, around **September to October**.
  - These crops thrive in regions with a **hot and humid climate**, along with **abundant rainfall**.
  - Some examples of kharif crops include **rice, maize, millet, sorghum, cotton, groundnut, soybean, and sugarcane**.
  - These crops primarily rely on rainfall for their growth and do not require extensive irrigation.

25. Answer: d

**Explanation:**

The correct answer is Option 4.

★ Key Points

- According to Article 109 of the Indian Constitution, money bills can only be introduced in the Lok Sabha and not in the Rajya Sabha.
- The Rajya Sabha can discuss and suggest amendments to the money bill, but it cannot reject or amend it.
- It must return the bill to the Lok Sabha within 14 days with its recommendations.
- However, the Lok Sabha is free to accept or reject these recommendations.
- In all other issues mentioned (impeaching judges, impeaching the President, and constitutional amendments), the Lok Sabha and Rajya Sabha have equal powers.
- Both houses have specific roles and procedures defined by the Constitution for these matters, and their approval is required from both houses.

### ★ Additional Information

- Lok Sabha and Rajya Sabha are the two houses of the Parliament of India, which is the supreme legislative body in the country.
- These houses play a crucial role in the functioning of the Indian democracy and are responsible for making laws and representing the interests of the people.
- Lok Sabha:
  - Lok Sabha is the lower house of Parliament and is also known as the House of the People.
  - Members of the Lok Sabha are directly elected by the people of India through general elections.
  - The total number of seats in the Lok Sabha is currently set at 545, with 543 seats elected from the states and union territories, and 2 seats reserved for the Anglo-Indian community, which are nominated by the President of India if necessary.
- Rajya Sabha:
  - Rajya Sabha is the upper house of Parliament and is also known as the Council of States.
  - Members of the Rajya Sabha are not directly elected by the people but are elected by the members of the State Legislative Assemblies.
  - The total strength of the Rajya Sabha is currently set at 245 members, with 233 members elected by the states and union territories and 12

members nominated by the **President of India** for their expertise in specific fields like **arts, literature, science, or social service**.

---

26. Answer: a

**Explanation:**

The correct answer is Option 1.

★ Key Points

- The hills in **Meghalaya** that receive the **maximum rainfall** are the **Khasi Hills**.
- **Meghalaya**, which means "**abode of clouds**," is known as one of the **wettest places on Earth**, and the **Khasi Hills region experiences exceptionally high rainfall throughout the year**.
- The **heavy monsoon rains** in this area contribute to the **lush forests, numerous rivers, and cascading waterfalls that are characteristic of Meghalaya**.

★ Additional Information

- **Aravali:** The **Aravali Range** is a range of mountains stretching across the Indian states of **Rajasthan, Haryana, and Gujarat**. The **Aravali Range primarily consists of rocky terrain, forests, and semi-arid landscapes**.
- **Nilgiri:** The **Nilgiri Hills**, also known as the **Blue Mountains**, are a range of mountains located in the **southern Indian states of Tamil Nadu and Kerala**. The area is famous for its **tea plantations, wildlife sanctuaries, and picturesque hill stations**.
- **Shivalik:** The **Shivalik Hills**, also known as the **Shivalik Range**, is a mountain range located in **northern India**, spanning across the states of **Himachal Pradesh, Uttarakhand, Punjab, and Haryana**. The **Shivalik Hills** are characterized by low-lying hills and foothills that serve as a transitional zone between the **Himalayas and the Indo-Gangetic plains**.

27. Answer: d

## Explanation:

The correct answer is Option 4.

### ★ Key Points

- **Tripura**, a state in **northeastern India**, is surrounded by **Bangladesh** on its **west, north, and south sides**.
- **Bhutan** is a landlocked country located in the eastern Himalayas.
  - It shares borders with **China to the north** and **India to the south, east, and west**.
- **Vietnam** is a **Southeast Asian country** located on the **eastern part of the Indochinese Peninsula**.
  - It is bordered by **China to the north, Laos to the northwest, Cambodia to the southwest, and the South China Sea to the east and south**.
- **Myanmar**, also known as **Burma**, is a country in **Southeast Asia**.
  - It shares borders with several countries, including **Bangladesh to the west**.

---

28. Answer: c

## Explanation:

The correct answer is Option 3.

### ★ Key Points

- The theme of the **Eleventh Five-Year Plan in India**, which covered the period from **2007 to 2012**, was **"Towards Faster and More Inclusive Growth."**
- This plan aimed to achieve a **high rate of economic growth** while ensuring that the **benefits of development** were shared by **all sections of society**.
- The plan focused on **addressing regional disparities, reducing poverty, promoting social inclusion, and improving the overall quality of life for all citizens**.
- It also emphasized the need for **sustainable development** and took into **account environmental concerns**.



### ★ Additional Information

- The **first Five-Year Plan** in India was launched in **1951**, and subsequent plans were implemented until the end of the **Eleventh Five-Year Plan in 2012**.
- However, starting from the **Twelfth Five-Year Plan (2012–2017)**, the concept of **Five-Year Plans** was discontinued, and the government adopted a new approach called the "**NITI Aayog**" (**National Institution for Transforming India**), which focuses on **long-term development goals and strategies**.
- The Five-Year Plans in India aimed to address various socio-economic challenges and achieve specific objectives, including:
  - **Economic Growth**
  - **Employment Generation**
  - **Poverty Alleviation**
  - **Infrastructure Development**
  - **Human Resource Development**
  - **Regional Development**
  - **Environmental Sustainability**

---

29. Answer: b

### Explanation:

The correct answer is Option 2.

### ★ Key Points

- The **36th National Games** is coming to an end after a **glorious display of sporting performance and sportsmanship spirit**.
- In its **36th edition**, **Gujarat** hosted the **National Games** for the first time in **2022**.
- The **National Games 2022** was held **across six cities**, **Ahmedabad, Gandhinagar, Surat, Vadodara, Rajkot, and Bhavnagar**, in **Gujarat**.
- Almost **7,000 athletes** from **28 Indian States, eight Union Territories, and Services**, the sports team of the **Indian Armed Forces**, competed for medals in **36 different sports**.

- **The Official mascot for the 36th National Games** is “SAVAJ”, it portrays a sportsman’s most prominent personality traits of self-confidence, vigor, a strong sense of motivation, an inner desire to succeed, a strong sense of focus, a natural leader, and a goal setter Savaj- taranhar in gujarati means “Savior” in English.
- **Savaj** is the representation of **The Asiatic Lion**, which today survives only in wild India.

★ Additional Information

- **The National Games trace** its origins to the **Olympic Movement**, which became highly popular in India in the **1920s**.
- **The National Games of India** was organized as the **Indian Olympic Games in the initial years**.
- Since the **9th edition of the 1924 Indian Olympic Games in Lahore**, these games have been held every two years in major cities of India.
- In **1940**, the **Indian Olympic Games** were organized as National Games.

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30. **Answer: a**

**Explanation:**

The correct answer is Option 1.

★ Key Points

- **Volume:** This refers to the total quantity or amount of **goods and services** traded.
  - It represents the **magnitude or size of trade** and is typically measured in terms of **units, such as tons, barrels, or dollars**.
- **Composition:** Composition refers to the **makeup or structure of trade**.
  - It examines the types of **goods and services** being traded, as well as their proportions or relative shares.
  - For example, **a country's trade composition could include exports of manufactured goods, agricultural products, and services, as well as imports of machinery, raw materials, and consumer goods**.

- **Direction:** The direction of trade refers to the flow or destination of **goods and services traded** between **countries or regions**.
  - It focuses on the **trading partners** involved and the **geographical destinations or sources of imports and exports**.
  - For instance, a country's trade direction could involve **exporting goods** to one set of countries and **importing goods from another set of countries**.
- **Exhibition:** Exhibition, in the context of trade, typically refers to events or showcases where businesses display their products or services to potential customers.
  - **Trade exhibitions** provide a platform for companies to promote their offerings, network with industry professionals, and explore business opportunities.

31. Answer: b

**Explanation:**

The correct answer is Option 2.

★ Key Points

- Alarmel Valli, a renowned classical dancer, is known for Bharatanatyam.
- Bharatanatyam is one of the most popular classical dance forms of India, originating from Tamil Nadu.
- It is a highly intricate and expressive dance style known for its precise footwork, intricate hand gestures (mudras), complex rhythmic patterns, and elaborate storytelling.
- Bharatanatyam often portrays Hindu mythology and is performed by both male and female dancers.

★ Additional Information

- **Mohiniattam** is a classical dance form from Kerala, India.
  - It is known for its **graceful movements, subtle expressions, and lyrical storytelling**.

- The dance primarily revolves around feminine themes and is performed by women.
- The dancer wears a distinctive **white and gold costume and performs to Carnatic music.**
- **Kuchipudi** is a classical dance form from the state of **Andhra Pradesh , India.**
  - It derives its name from the **village of Kuchipudi**, where it originated.
  - Kuchipudi combines elements of **dance, music, and acting.**
  - It includes graceful movements, **quick footwork, dramatic expressions, and a blend of pure dance (nritta) and expressive storytelling (nritya).**
- **Kathakali** is a vibrant and dramatic classical dance form from **Kerala, India.**
  - It is known for its elaborate **makeup, colorful costumes, stylized gestures, and facial expressions.**
  - **Kathakali dancers** use highly intricate eye movements and perform to the accompaniment of Carnatic music.

32. Answer: a

Explanation:

The correct answer is Option1.

★ Key Points

- **Article 17** of the **Constitution of India** deals with the "**abolition of untouchability.**"
- It states that **untouchability** is **abolished**, and its practice in any form is forbidden.
- **The article** prohibits any discrimination on the **grounds of untouchability** and **enforces** the principle of equality among all citizens.
- **The Constitution of India** aims to **eliminate** the **social evil of untouchability** and **promote social justice and equality in the country.**

★ Additional Information

- **Equality before Law:** It is not specifically addressed in **Article 17** but is guaranteed under **Article 14**, which states that **every person shall be equal before the law and have equal protection of the law.**

- This provision ensures that all individuals, regardless of their **caste, creed, gender, religion, or social status**, are treated equally under the law.
- **Abolition of Titles:** It is covered under **Article 18**, which prohibits the conferment of titles.
  - According to **Article 18**, **no citizen of India** can accept or hold any title from any foreign state, and no person can be granted a title by the government of India, except military and academic distinctions.
  - This provision aims to promote equality by **eliminating the system of hereditary titles and privileges**.
- **Right to Education:** It is a fundamental right guaranteed to all Indian citizens under **Article 21A of the Constitution**.
  - **Article 21A** states that the state shall provide free and compulsory **education to all children** between the ages of **6 and 14 years**.
  - This provision reflects the commitment of the Indian government to ensure equal opportunities and access to education for all children, irrespective of their social or economic background.

33. Answer: d

### Explanation:

The correct answer is Option 4.

### ★ Key Points

- **Plan Capital Expenditure** is not a part of the **revenue budget** of the government.
- It is a component of the **capital budget** or the **capital expenditure plan**.
- **The revenue budget** includes items such as **non-tax revenue and tax revenue**, which are the **sources of income for the government**, as well as **plan revenue expenditure**, which represents the government's spending on various programs and schemes.
- **Plan capital expenditure**, on the other hand, refers to the government's investment in long-term assets and infrastructure projects.

★ Additional Information

- A **revenue budget** is a **financial plan** that **outlines the expected income or revenue** that a government or organization anticipates generating within a specific period, typically a fiscal year.
- It is an essential component of the overall budgeting process and helps in **managing and allocating financial resources** effectively.
- The **revenue budget** focuses on the expected **inflows of funds** from various sources, such as **taxes, fees, fines, grants, and other revenue-generating activities**.
- It provides a **comprehensive overview** of the projected revenue streams and assists in determining the government's capacity to fund its expenses and meet its financial obligations.

34. Answer: a

Explanation:

The correct answer is Option 1.

★ Key Points

- The **Rig Veda** consists of a total of **1,028 hymns**, divided into **ten books** known as **Mandalas**.
- Each **Mandala** is further divided into **hymns**, which are composed in various poetic meters.
- The **hymns** are attributed to different **seers or rishis**, who were the ancient sages or poets believed to have received divine revelations.

★ Additional Information

- The Vedas are a collection of **ancient Hindu scriptures** and are considered the **oldest** and most authoritative texts in Hinduism.
- There are four main Vedas: **the Rig Veda, the Sama Veda, the Yajur Veda, and the Atharva Veda**. Each Veda has its own unique characteristics and content.

- **Rig Veda:** It contains a collection of 1,028 hymns, or sukta, composed in Vedic Sanskrit.
- **Sama Veda:** The Sama Veda consists of a collection of melodies or chants derived from the hymns of the Rig Veda.
  - The Sama Veda focuses on the musical aspects of the hymns and is often considered a guidebook for priests involved in chanting and singing during rituals.
- **Yajur Veda:** The Yajur Veda is primarily a guidebook for priests involved in performing sacrificial rituals.
  - The former contains the prose formulas along with some hymns, while the latter contains the prose formulas embedded within the hymns.
- **Atharva Veda:** The Atharva Veda is distinct from the other three Vedas as it focuses more on practical aspects of life and includes hymns related to healing, magic, charms, and rituals for protection against evil spirits and diseases.

---

35. Answer: d

**Explanation:**

The correct answer is Option 4.

★ Key Points

- On March, 2022 Yogi Adityanath has been sworn in as the Chief Minister of Uttar Pradesh for second straight term.
- He was previously serving as the chief minister since March 2017.
- He is a member of the Bharatiya Janata Party (BJP) and a Hindu monk.
- He has been involved in various social and political activities and has been a member of the Parliament from Gorakhpur constituency.

★ Additional Information

- The state is governed by a parliamentary system of representative democracy.

- **Uttar Pradesh** is one of the seven states in India, where the state legislature is bicameral, comprising **two houses**: the **Vidhan Sabha (legislative assembly)** and the **Vidhan Parishad (legislative council)**.
- 

36. **Answer: c**

**Explanation:**

The correct answer is Option 3.

★ Key Points

- Andhra Pradesh CM **Jagan Mohan Reddy** elected lifetime president of **YSR Congress Party**.
- The **Yuva Jana Sramika Rythu Congress Party** is an Indian regional political party based in the state of **Andhra Pradesh**.
- Its president, **Y. S. Jagan Mohan Reddy**, serves as the **state's chief minister**.
- It is currently the **fifth** largest party in the Lok Sabha with **22 seats**.

★ Additional Information

- The **Election Commission of India (ECI)** is an independent constitutional authority responsible for **administering and overseeing elections in India**.
  - It was established in **1950** under **Article 324** of the **Constitution of India**.
  - The **Election Commission** ensures the conduct of free and fair elections across the country, from national parliamentary elections to **state assembly elections and local body elections**.
- 

37. **Answer: a**

**Explanation:**

The correct answer is Option 1.



### ★ Key Points

- The **Central Goods and Services Tax Act (CGST Act)** is an act that was passed in **India** to provide a framework for the **levy and collection of tax on intra-State supply of goods or services**.
- It is a key component of the **Goods and Services Tax (GST)** regime in **India**, which is a comprehensive **indirect tax system** implemented to replace **multiple indirect taxes** levied by the central and state governments.
- The **CGST Act** was enacted by the **Parliament of India** and came into effect on **July 1, 2017**.
- It is one of the four legislations that together form the **GST laws in India**, the other three being the **Integrated Goods and Services Tax (IGST) Act**, the **Union Territory Goods and Services Tax (UTGST) Act**, and the **Goods and Services Tax Compensation to States Act**.

### ★ Additional Information

- Key features of the **CGST Act** include:
  - **Registration:** The Act mandates that businesses engaged in the supply of goods or services above a specified threshold need to register under GST.
  - **Levy and Collection of Tax:** The **CGST Act** lays down provisions for the levy and collection of tax on the intra-State supply of goods and services.
  - **Input Tax Credit:** The Act allows registered businesses to claim input tax credit for the tax paid on inputs used in the course of business.
  - **Filing of Returns:** The **CGST Act** prescribes the procedure for filing periodic returns by registered taxpayers.
  - **Assessment and Audit:** The Act empowers tax authorities to conduct audits and assessments to ensure compliance with **GST provisions**.

---

38. Answer: b

### Explanation:

The correct answer is Option 2.

### ★ Key Points

- **Awadh**, also known as **Oudh** or **Awadh Province**, was annexed by the **British East India Company** in **1856**.
- The **annexation of Awadh** was a significant event in **British colonial history** in **India**.
- The region, located in present-day **Uttar Pradesh**, was ruled by the **Nawabs of Awadh** who were nominally under the suzerainty of the **Mughal Empire**.
- The **annexation of Awadh** was justified by the **British** on the grounds of misrule and maladministration by the Nawabs.
- They accused the **Nawab Wajid Ali Shah** of incompetence and alleged that he was unable to maintain law and order in the province.

★ Additional Information

- **Awadh** was incorporated into the **British administration** as the **United Provinces of Agra and Oudh**.
- The region continued to be an important **center of political and cultural activity** during the **British colonial period**.
- After India gained independence in **1947**, the **United Provinces of Agra and Oudh** were reorganized into the **state of Uttar Pradesh**.

---

39. Answer: b

Explanation:

The correct answer is Option 2.

★ Key Points

- **Mary Kom**, the famous **Indian boxer**, hails from the **northeastern state of Manipur**.
- She was born on **March 1, 1983**, in the **Kangathei village** in **Churachandpur district of Manipur, India**.
- **Mary Kom** is widely regarded as one of the most successful boxers in Indian history and has achieved numerous accolades and medals in her illustrious career.

★ Additional Information

- Mary Kom won a **gold medal** in the **23rd President's Cup** in **51 kg category** in **Labuan Bajo, Indonesia**.
- She is the only female to make a **six times winning record** of **World Amateur Boxing Championship** and the only female boxer to win a medal in each of the total **seven world championships**.
- Mary Kom became the **first Indian woman boxer** to win a Gold Medal in the **Asian Games in 2014 in South Korea** and is also the **first Indian woman boxer to win gold at the 2018 Commonwealth Games**.
- She had also won a **gold medal** at the **India Open boxing tournament in May**, but skipped the **Asian Championships** as part of a larger plan to enhance her chances of Olympic qualification.

40. Answer: b

Explanation:

The correct answer is Option 2.

★ Key Points

- The festival that is also known as the "Festival of Festivals" is the Hornbill Festival.
- The Hornbill Festival is a major cultural event celebrated in Nagaland, a state in northeastern India.
- The festival showcases the rich cultural heritage of the Naga people and brings together various tribes to display their customs, traditions, music, dance, and handicrafts.
- The Hornbill Festival is often referred to as the "Festival of Festivals" because it combines multiple Naga tribal festivals into one grand event, making it a celebration of the diverse Naga culture.

★ Additional Information

- **Chapchar Kut:** Chapchar Kut is a festival celebrated by the **Mizos**, an ethnic group in the **northeastern state of Mizoram, India**.
  - It is a spring festival held in **March** after the completion of the **Jhum cultivation (slash and burn agriculture)** when the **Mizos** prepare their fields for the new agricultural cycle.
- **Moatsu:** Moatsu is a festival celebrated by the **Ao Naga tribe** in the state of **Nagaland, India**.
  - It typically occurs in the first week of May and marks the completion of sowing seeds and the beginning of a new agricultural season
- **Wangala:** Wangala, also known as the Hundred Drums Festival, is a harvest festival celebrated by the **Garo tribe** in the **northeastern Indian state of Meghalaya**.

41. Answer: b

Explanation:

Given

Marked Price (MRP) = Rs. 28,500

Discounted Price = Rs. 27,645

Concept:

Discount =  $\left(\frac{\text{MRP} - \text{Discounted Price}}{\text{MRP}}\right) \times 100$

Calculation:

Discount = MRP - Discounted Price

Rs. 28,500 - Rs. 27,645 = Rs. 855

Discount percentage =  $\left(\frac{\text{Discount}}{\text{MRP}}\right) \times 100$

$\left(\frac{855}{28500}\right) \times 100 = 3\%$

Therefore, the discount given on the item is 3%.

42. Answer: b

**Explanation:**

**Given**

Rate of interest = 10% per annum

Time = 2 years

Difference = Rs. 464

**Concept:**

For 2 years,

$$D = P \times (r/100)^2,$$

where P is the principal amount and r is the rate of interest.

**Calculation:**

$$P = \text{Difference} / ((\text{Rate of interest} / 100)^2)$$

$$\Rightarrow P = 464 / ((10/100)^2) = \text{Rs. } 46,400$$

Therefore, the sum invested is Rs. 46,400.

---

43. Answer: a

**Explanation:**

**Given**

Marked price is 25% more than the cost price.

Desired profit is 10%.

**Concept:**

To earn a profit, we must adjust the discount on the marked price so that it becomes equal to 110% of the cost price (because a 10% profit is desired).

**Calculation:**

Let's denote the cost price as C.

$$\Rightarrow \text{Marked Price} = 1.25 \times C$$

$$\Rightarrow \text{Selling price needed to get 10\% profit} = 1.1 \times C$$

$\Rightarrow$  Hence, the discount on the selling price should be such that  $1.25C$  becomes  $1.1C$ .

$$\Rightarrow \text{The discount percentage will be } ((1.25C - 1.1C)/1.25C) = 12\%$$

Therefore, a 12% discount on the selling price should be given to earn a 10% profit.

---

**44. Answer: d****Explanation:**

Given

$$\text{Length (L)} = 3 \times \text{Breadth (B)}$$

$$\text{New length} = L - 7$$

$$\text{New breadth} = B + 7$$

Area increased by  $21 \text{ cm}^2$ .

**Concept:**

Rectangle area = Length  $\times$  Breadth.

**Calculation:**

From the given, we have two equations:  $L = 3B$  and  $(L - 7)(B + 7) - LB = 21$ .

⇒ Substituting  $L = 3B$  into the second equation, we get  $(3B - 7)(B + 7) - 3B^2 = 21$ .

⇒ Solving this quadratic equation, we get  $B = 5$ .

⇒ Hence,  $L = 3 \times 5 = 15$  cm.

Therefore, the length of the first rectangle is 15 cm.

#### 45. Answer: b

##### Explanation:

Given:

Rate of interest = 5% per annum

Two equal yearly instalments = Rs. 35,280

Concept:

For repayment in two equal annual instalments, each instalment consists of principal as well as interest. For the first instalment, the interest is calculated for one year, while of the second instalment, it is calculated for two years.

Calculation:

Let  $P$  be the initial borrowed sum.

⇒ According to the concept, we have:  $P = \text{Rs. } 35,280 / (1 + 5/100) + \text{Rs. } 35,280 / (1 + 5/100)^2$

⇒  $\text{Rs. } 35,280 / (1 + 1/20) + \text{Rs. } 35,280 / (1 + 1/20)^2$

⇒  $\text{Rs. } 35,280 / (21/20) + \text{Rs. } 35,280 / (21/20)^2$

⇒  $\text{Rs. } 35,280 \times 20/21 + \text{Rs. } 35,280 \times 400/441$

⇒  $\text{Rs. } 35,280 \times 20/21 [1 + 20/21]$

$$\Rightarrow \text{Rs. } 35,280 \times 20/21 \times 41/21$$

$$\Rightarrow P = \text{Rs. } 65600.$$

Therefore, the value of P is Rs. 65,600.

---

**46. Answer: c**

**Explanation:**

Given

A five-digit number: 32054

Concept:

Apply divisibility rule of 3, 11, 5 and 2.

For a number to be divisible by 11, the difference between the sum of digits in the odd positions and even positions must be a multiple of 11.

Calculation:

Rearranging the digits in ascending order, we get: 02345

Divisible by 3 = Sum is divisible by 3 =  $0 + 2 + 3 + 4 + 5 = 14$ , number is not divisible by 3.

Divisible by 11 = Difference between the sum of digits at odd positions and the sum of digits at even positions =  $8 - 6 = 2$ , number is not divisible by 11

Last digit is 5 i.e. odd, not divisible by 2.

Since the last digit is 5, the number is divisible by 5.

Therefore, the number formed by rearranging the digits in increasing order is divisible by 5.

---



47. Answer: a

**Explanation:**

Given

30 men cut 50 trees in 10 hours

10 men leave the job

Time = 15 hours

**Concept:**

This problem uses the man-hour concept, where if  $x$  men can do a work in  $y$  hours, then 1 man can do the work in  $x \times y$  hours.

**Calculation:**

1 man can cut 50 trees in  $30 \times 10$  hours = 300 hours.

⇒ So, 20 men (since 10 men leave) can cut 50 trees in  $300/20 = 15$  hours.

⇒ In 15 hours, 20 men can cut 50 trees.

Therefore, the number of trees cut by 20 men in 15 hours is 50 trees.

48. Answer: a

**Explanation:**

Given

The numbers 36, 48 and 90

**Concept:**

The fourth proportional to the numbers  $a$ ,  $b$ , and  $c$  is given by

$$(b \times c)/a.$$

**Calculation:**

The fourth proportional to the numbers 36, 48 and 90 is

$$(48 \times 90)/36 = 120.$$

Therefore, the fourth proportional to the numbers 36, 48 and 90 is 120.

**49. Answer: d**

**Explanation:**

**Given**

Mixture of 60 litres, ratio of milk and water = 2 : 3

The desired ratio of milk and water = 1 : 2

**Concept:**

We should find out the amount of water to be added to change the ratio of milk and water from 2 : 3 to 1 : 2.

**Calculation:**

In the mixture, quantity of milk =  $(\frac{2}{5}) \times 60 = 24$  litres

⇒ For the milk and water to be in the ratio 1 : 2,

⇒ Amount of water needed = 2 × quantity of milk

$$= 2 \times 24 = 48 \text{ litres}$$

⇒ Amount of water to be added = 48 - (60 - 24) = 12 litres

Therefore, 12 litres of water must be added to make the ratio of milk and water 1 : 2.

50. Answer: b

**Explanation:**

Given

The fractions  $\frac{4}{5}$ ,  $\frac{8}{15}$ , and  $\frac{2}{35}$

**Concept:**

To find the HCF (Highest Common Factor) of fractions, we find the HCF of the numerators and the LCM (Least Common Multiple) of the denominators.

**Calculation:**

HCF of numerators 4, 8, and 2 = 2

⇒ LCM of denominators 5, 15, and 35 = 105

Hence, HCF of  $\frac{4}{5}$ ,  $\frac{8}{15}$ , and  $\frac{2}{35}$  is  $\frac{2}{105}$ .

51. Answer: d

**Explanation:**

Given

First six even numbers

**Concept:**

Average = Sum of elements / Number of elements

**Calculation:**

The first six even numbers are:

2, 4, 6, 8, 10, 12.

$$\Rightarrow \text{Average} = (2 + 4 + 6 + 8 + 10 + 12)/6 = 42/6 = 7.$$

Therefore, the average of the first six even numbers is 7.

---

**52. Answer: a**

**Explanation:**

**Given Data:**

Distance downstream = 88 km

Time downstream = 11 hours

Distance upstream = 72 km

Time upstream = 12 hours

**Concept:**

Speed downstream = Distance downstream/Time downstream.

Speed upstream = Distance upstream/Time upstream.

**Calculation:**

Speed downstream =  $88/11 = 8$  km/hr

$\Rightarrow$  Speed upstream =  $72/12 = 6$  km/hr

$\Rightarrow$  Speed of the current =  $(8 - 6)/2 = 1$  km/hr

Therefore, the speed of the current is 1 km/hr.

---

**53. Answer: b**

**Explanation:**

**Given**

Quantity of first type of wheat = 40 kg, Rate = Rs. 12.50/kg

Quantity of second type of wheat = 30 kg, Rate = Rs. 14/kg

Gain = 5%

**Concept:**

Cost Price = Total cost of wheat.

Selling Price = Cost Price + Profit. We need to find the selling price per kg.

**Calculation:**

Total cost of wheat =  $(40 \times 12.50) + (30 \times 14) = \text{Rs. } 920$

$\Rightarrow$  Cost price per kg =  $\text{Rs. } 920 / (40 + 30) = \text{Rs. } 13.14$

$\Rightarrow$  Selling price per kg = Cost price per kg + 5% of Cost price per kg

=  $\text{Rs. } 13.14 + (5/100) \times 13.14 = \text{Rs. } 13.80$

Therefore, the rate per kg to sell the mixture to gain 5% on the whole is Rs. 13.80.

Your Personal Exams Guide

**54. Answer: c**

**Explanation:**

**Given:**

Kapil and Prakash together can do the work in 45 days.

Prakash and Pihu together can do it in 60 days.

Kapil and Pihu together can do it in 60 days.

**Concept:**

Total work = Time × Efficiency

**Calculation:**

Total work = LCM(45, 60, 60) = 180 units

Efficiency of Kapil and Prakash =  $180/45 = 4$

Efficiency of Prakash and Pihu =  $180/60 = 3$

Efficiency of Pihu and Kapil =  $180/60 = 3$

Total efficiency of Kapil, Prakash and Pihu =  $(4 + 3 + 3)/2 = 5$

Days taken by Kapil, Prakash and Pihu to complete the work =  $180/5$

⇒ 36 days

Therefore, Kapil, Prakash and Pihu together will finish the work in 36 days.

---

**55. Answer: a**

**Explanation:**

Given **Your Personal Exams Guide**

Capacity of cylindrical tank =  $5632 \text{ m}^3$

Diameter of base = 8 m

**Concept:**

Volume of a cylinder =  $\pi r^2 h$ .

**Calculation:**

Radius of base = Diameter/2 =  $8/2 = 4 \text{ m}$

⇒ Let's substitute the values into the formula:

$$\Rightarrow 5632 = (22/7)4^2h$$

$\Rightarrow$  Solving for h, we get  $h = 5632 / ((22/7) \times 16) = 112$  m.

Therefore, the depth of the cylindrical tank is 112 m.

---

**56. Answer: b**

**Explanation:**

Given

Initial weight of baby = 3.2 kg

Final weight of baby = 6 kg

Concept:

$$\text{Percent increase} = [( \text{Final Value} - \text{Initial Value} ) / \text{Initial Value}] \times 100$$

Calculation:

$$\text{Percent increase} = [(6 - 3.2) / 3.2] \times 100 = 87.5 \text{ percent}$$

Therefore, the percent increase in weight of the baby is 87.5 percent.

---

**57. Answer: d**

**Explanation:**

Given:

Munaf and Surya are running along a circular track.

They meet at the same point in 31st time and 43rd time.

The ratio of the speed of the faster boy to that of the slower one = n : 1

**Concept used:**

The time at which they meet is the LCM of the difference between their meeting times.

As every time they meet they cover the same distance, we can use this concept.

**Solution:**

As they meet at the same point in 31st time and 43rd time we get the LCM of their meeting point as

$$\text{LCM} = 43 - 31 = 12.$$

Now, we check for each value of  $n$ ,

**For  $n = 5$ :**

The difference between the speed of the faster boy to the slower one, if the speed of the faster boy is  $5x$  and that of slower one is  $x$ , is

$$= 5x - x$$

$$= 4x.$$

As 4 is a factor of 12,  $n = 5$  is a possible value.

**For  $n = 3$ :**

The difference between the speed of the faster boy to the slower one, if the speed of the faster boy is  $3x$  and that of slower one is  $x$  is

$$= 3x - x$$

$$= 2x.$$

As 2 is a factor of 12,  $n = 3$  is a possible value.

**For  $n = 6$ :**



The difference between the speed of the faster boy to the slower one, if the speed of the faster boy is  $6x$  and that of slower one is  $x$  is

$$= 6x - x$$

$$= 5x.$$

As 5 is not a factor of 12,  $n = 5$  is not a possible value.

**For  $n = 4$ :**

The difference between the speed of the faster boy to the slower one, if the speed of the faster boy is  $4x$  and that of slower one is  $x$  is

$$= 4x - x$$

$$= 3x.$$

As 3 is a factor of 12,  $n = 4$  is a possible value.

$\therefore n = 6$  is not a possible value of  $n$ .

---

**58. Answer: a**

**Explanation:**

**Given Data:**

Elected candidate gets 64% of the votes

Majority votes = 4340

**Concept:**

Majority votes are the difference between votes polled by the winner and loser. We need to find the total number of votes polled.

**Calculation:**

If the winner gets 64% votes, the loser gets 36% votes.



Therefore, His gain percentage is  $15\frac{5}{13}\%$ .TT

---

60. Answer: c

**Explanation:**

Given

Average of 9 numbers = 15

Average of first five numbers = 13

Average of last five numbers = 17

**Concept:**

Average = Sum of numbers/Number of numbers.

**Calculation:**

Sum of 9 numbers =  $9 \times 15 = 135$

⇒ Sum of first five numbers =  $5 \times 13 = 65$

⇒ Sum of last five numbers =  $5 \times 17 = 85$

⇒ Now, the sum of the first five numbers and the sum of the last five numbers include the fifth number twice.

⇒ So, the fifth number = (Sum of first five numbers + Sum of last five numbers) - Sum of all 9 numbers =  $(65 + 85) - 135 = 15$ .

Therefore, the fifth number is 15.

---

61. Answer: d

## Explanation:

The correct answer is 'Option 4 Universal'.

Key points

'Omnipresent' is the term used to describe the quality of being present everywhere simultaneously. The Hindi meaning of Omnipresent is 'सर्वव्यापी'. For instance: The internet can be said to be nearly omnipresent because you can access it from almost anywhere.

The word 'Universal', corresponds closely with 'omnipresent' as it also implies something that is common to or affects all. The Hindi meaning for Universal is 'सार्वभौमिक'. For instance: Mathematics is a universal subject because it remains the same no matter where it's taught.

Therefore, the correct answer is- Option 4 Universal.

Additional information

Option 1 "Powerful" means having great power or influence (Hindi meaning - 'शक्तिशाली').

Option 2 "Unique" indicates being the only one of its kind (Hindi meaning - 'अद्वितीय').

Option 3 "Contemporary" refers to something happening or living at the same time (Hindi meaning - 'समकालीन').

Question 1: "Select the most appropriate synonym of the given word. Omnipresent "  
1)Powerful 2)Unique 3)Contemporary 4)Universal The correct answer is 'Option 4 Universal'.

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## 62. Answer: b

### Explanation:

The correct answer is 'Option 2: I gave some of the chocolates to my younger sister.'

Key points:

Simple past tense is used to talk about a completed action at a certain time in the past. It only requires the past form of the verb.

The sentence "I gave some of the chocolates to my younger sister" uses the verb 'gave' which is the simple past form of 'give' indicating a completed action.

The other options involve past continuous, past perfect continuous, and past perfect tenses which do not fit the requirement for simple past tense.

Additionally, Simple past tense does not use auxiliary verbs which we see present in the options a), b), c. Therefore, the correct answer is 'Option 2: I gave some of the chocolates to my younger sister.'

Additional Information:

Option A ("I was giving some of the chocolates to my younger sister") is in the past continuous tense. It denotes an ongoing action in the past.

Option B ("I had been giving some of the chocolates to my younger sister") is in the past perfect continuous tense. It refers to an action that started in the past and continued up until another time in the past.

Option C ("I had given some of the chocolates to my younger sister") is in the past perfect tense. It is used for an action completed before another point in the past.

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### 63. Answer: b

#### Explanation:

The correct answer is 'Option 2 Cheat'.

Key points

'Deceive' is a verb that means to make someone believe something that is not true, typically in order to gain some personal advantage. The Hindi meaning of deceive is 'धोखा देना'. Example: He deceived his friends by telling them lies about his past.

The correct synonym here is 'Cheat', which also implies acting dishonestly or unfairly in order to gain an advantage. The Hindi meaning of cheat is 'धोखा देना'.

Example: She cheated her husband by hiding her financial accounts.

Therefore, the correct answer is- Option 2 Cheat.

Additional information

Option 1 "Assist" means to help someone (Hindi meaning - 'मदद करना').

Option 3 "Gladden" means to make someone feel happy (Hindi meaning - 'खुश करना').

Option 4 "Defend" refers to the act of protecting something or someone (Hindi meaning - 'बचाना').

**64. Answer: d**

**Explanation:**

The correct answer is 'Option 4: how far her school was'

Key Points:

The sentence is a reported question and should not include the conjunction 'that'.

The alternative 'how far was her school' carries the correct information without including unnecessary conjunctions.

The phrases 'how far her school is' and 'then how far her school was' change the tense of the original sentence which is incorrect.

The phrase 'that how her school is' repeats the error in the original sentence.

Therefore, the correct answer is 'Option 4: how far her school was.'

Additional Information:

Option 1 ('how far her school is') changes to simple present tense, it changes the meaning of the sentence.

Option 2 ('that how her school is') doesn't rectify the error of superfluous 'that'. Here, also the tense of sentence is changed.

Option 3 ('then how far her school was') introduces the superfluous word 'then'.

**65. Answer: c**

**Explanation:**

The correct answer is 'Option 3 Pasion'.

Key points

'Pasion' is not a correct spelling in English. It appears to be a misspelling of the word 'Passion', which means a strong and barely controllable emotion. The Hindi meaning of Passion is 'जुनून'. Example: He has a passion for painting, which he does in his free time.

Additional information

Option 1 "Passage" is correctly spelled. It refers to a narrow way allowing access between buildings or to different rooms within a building (Hindi meaning - 'रास्ता').

Option 2 "Pancake" is correctly spelled, and it refers to a thin, flat cake of batter, usually fried and turned in a pan (Hindi meaning - 'पैनकेक').

Option 4 "Modern" is correctly spelled. It indicates relating to the present or recent times as opposed to the remote past (Hindi meaning - 'आधुनिक').

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## 66. Answer: d

### Explanation:

The correct answer is 'Option 4 Unskillful'.

Key points

'Awkward' can be used to describe something or someone that is not skillful or graceful; uncomfortable. The Hindi meaning of Awkward is 'अनुपयुक्त'. Example: His awkward handling of the utensils revealed that he was not used to eating with them.

'Unskillful', on the other hand, implies a lack of skill or proficiency. The Hindi meaning for Unskillful is 'अकुशल'. Example: His unskillful presentation resulted in the rejection of his proposal.

Therefore, the correct answer is- Option 4 Unskillful.

Additional Information

Option 1 "Dormant" means in a state of rest or inactivity (Hindi meaning - 'निष्क्रिय').

Option 2 "Asleep" implies being in a state of sleep (Hindi meaning - 'सोता हुआ').

Option 3 "Clever" refers to being quick to understand or learn (Hindi meaning - 'होशियार').

---

## 67. Answer: c

### Explanation:

The correct answer is 'Option 3 Attended'.

Key points

The word 'Neglected' signifies not giving proper care or attention to something or someone. The Hindi meaning of Neglected is 'उपेक्षित'. Example: The neglected child

was taken into care by the authorities.

The antonym here is 'Attended', which implies someone or something was taken care of or being paid attention to. The Hindi meaning for Attended is 'ध्यान दिया'.

Example: He regularly attended his classes, never missing one.

Therefore, the correct answer is- Option 3 Attended.

Additional information

Option 1 "Succeeded" means achieving what you set out to do (Hindi meaning - 'सफल होना').

Option 2 "Ignored" indicates not considering something or not paying attention (Hindi meaning - 'नजरअंदाज करना').

Option 4 "Scorned" refers to rejecting or deriding something (Hindi meaning - 'उपहास किया')

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## 68. Answer: b

### Explanation:

The correct answer is 'Option 2: furious'

Key Points:

In this context, an adjective is required that shows extreme displeasure or anger, which corresponds with the action 'scolded.'

The word 'furious' describes a high degree of anger and is the best suitable word in this context.

The option 'energetic' does not fit contextually while 'thrilled' and 'pleased' are opposite to the expected reaction.

Therefore, 'furious' is the most fitting choice in this context. Therefore, the correct answer is 'Option 2: furious'

Additional Information:

Option 1 ('energetic') means full of energy, but it doesn't provide the correct sense in the sentence.

Option 3 ('thrilled') means very excited or pleased, which is not fitting in this sentence contextually.

Option 4 ('pleased') means feeling or showing pleasure and satisfaction, which contradicts the context of the sentence.



69. Answer: a

**Explanation:**

The correct answer is 'Option 1 Something that signals the end of a difficult situation'.

Key points

'Light at the end of the tunnel' is an idiom that means that you can see some signs of improvement in a situation that has been difficult for a long period. The Hindi meaning is 'कठिन समय का अंत'. Example: After struggling with his research project for many years, he finally started to see the light at the end of the tunnel.

Therefore, the correct answer is- Option 1 Something that signals the end of a difficult situation.

Additional information

Option 2 "An opening at the end of a matter" could be misunderstood as a new opportunity, but does not convey the correct meaning of the idiom (Hindi meaning - 'मामले के अंत में एक खुलना').

Option 3 "New light coming out from darkness" is more of a literal translation, and while it is related, it does not sufficiently describe the meaning of the idiom which is typically used in the context of problem resolution (Hindi meaning - 'अंधकार से नई रोशनी निकलना').

Option 4 "Preparing for examinations" is unrelated to the idiom. The idiom has nothing specifically to do with preparing for exams. (Hindi meaning - 'परीक्षा की तैयारी')

---

70. Answer: b

**Explanation:**

The correct answer is 'Option 2 Forget'.

Key points

'Retain' is used to describe the act of keeping something in your possession or not letting it go away. The Hindi meaning of Retain is 'रखना'. Example: The company retains the right to modify the product without prior notice.

The correct antonym in this context is 'Forget', which implies losing, ignoring, or not retaining something. The Hindi meaning for Forget is 'भूलना'. Example: I forget where I left my keys.

Therefore, the correct answer is- Option 2 Forget.

Additional information

Option 1 "Maintain" means to keep something in good condition (Hindi meaning - 'बनाए रखना').

Option 3 "Restore" means to bring back to an original state (Hindi meaning - 'पुनर्स्थापना').

Option 4 "Attain" refers to the action of achieving a goal that one has worked for (Hindi meaning - 'प्राप्त करना').

---

## 71. Answer: b

### Explanation:

The correct answer is 'Option 2 Incredibly inexpensive'.

Key points

'Going for a song' is an idiom which means that something is being sold at a very low price. The Hindi meaning is 'बहुत कम मूल्य पर'. Example: The furniture at the garage sale was practically going for a song.

Therefore, the correct answer is- Option 2 Incredibly inexpensive.

Additional information

Option 1 "Incredibly expensive" is the opposite of the idiom's meaning (Hindi meaning - 'अत्यधिक महंगा').

Option 3 "Something that is soothing to your ears" does not conform to the idiom's meaning (Hindi meaning - 'आपके कानों को शांत करने वाली चीज').

Option 4 "Receive punishment" is unrelated to the idiom's meaning (Hindi meaning - 'सजा प्राप्त करना').

---

## 72. Answer: a

### Explanation:

The correct answer is 'Option 1 Superior'.

Key points

The word 'Inferior' denotes something of lesser quality. The Hindi meaning of inferior is 'हीन'. Example: The product was inferior to the ones we usually use.

The appropriate antonym here is 'Superior', which denotes something of a higher quality or excellence. The Hindi meaning for Superior is 'श्रेष्ठ'. Example: The device's superior features made it a crowd favourite.

Therefore, the correct answer is- Option 1 Superior.

Additional information

Option 2 "Anterior" means closer to the front or situated before or toward the front (Hindi meaning - 'पूर्व').

Option 3 "Exterior" refers to the outer surface or structure of something (Hindi meaning - 'बाहरी').

Option 4 "Ulterior" indicates beyond what is immediate or present; coming in the future (Hindi meaning - 'गुप्त').

---

73. **Answer: c**

**Explanation:**

The correct answer is 'Option 3 Seperate'.

Key points

'Seperate' is not the correct spelling in English. The correct spelling is 'Separate', which means to cause to move or be apart. The Hindi meaning of Separate is 'अलग करना'. Example: The two groups were separated by a large wall.

Additional information

Option 1 "Nutrient" is correctly spelled. It pertains to a substance providing nourishment essential for the growth and wellbeing of organisms (Hindi meaning - 'पोषक').

Option 2 "Suitable" is correctly spelled, and it refers to right or appropriate for a particular person, purpose, or situation (Hindi meaning - 'उपयुक्त').

Option 4 "Permanent" is correctly spelled. It indicates something lasting or remaining unchanged indefinitely (Hindi meaning - 'स्थायी').

---

#### 74. Answer: b

##### Explanation:

The correct answer is 'Option 2' i.e. 'Wicked'.

Key points:

The given word 'Benign' refers to being kind and gentle. Its Hindi meaning is "सौम्य" or "अनुकूल". For example, in a sentence, we can say "His benign nature made him popular among his friends."

On the other hand, 'Wicked' refers to something or someone that is evil or morally wrong. Its Hindi meaning is "दुष्ट" or "नीच". For example, in a sentence, we can say "He was punished for his wicked deeds."

Therefore, the correct answer is- 'Wicked'.

Additional information:

'Favourable' implies something advantageous or beneficial and is not an antonym for benign. Its Hindi meaning is "अनुकूल".

'Friendly' refers to being kind, pleasant or amicable towards others and again, it is not an antonym for benign. Its Hindi meaning is "मित्रवत".

'Cheerful' generally refers to a person's disposition being happy and optimistic, and it is not an opposite for benign. Its Hindi meaning is "खुशमिजाज".

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#### 75. Answer: c

##### Explanation:

The correct answer is 'Option 3: defines the personality'

Key Points:

The phrase "the way someone talks and behaves" suggests the personality or nature of an individual.

The term 'defines' is more appropriate and direct in stating that talking and behaving shape an individual's personality.

While the options 'symbolises the gestures' and 'effects the aura' sound poetic and less direct, 'postulates the personality' may be overly academic or formal for this context.

Therefore, 'defines the personality' is the most suitable phrase to replace 'introduces the characteristics.' Therefore, the correct answer is 'Option 3: defines the personality'

Additional Information:

Option 1 ('symbolises the gestures') implies that gestures are symbolic, not a direct indicator of personality.

Option 2 ('effects the aura') implies the overall atmosphere or quality that seems to surround and be generated by a person, but it's too vague and less direct.

Option 4 ('postulates the personality') implies a theoretical presupposition, which is not fitting in this context.

---

## 76. Answer: d

### Explanation:

The correct answer is 'Option 4: with'

Key Points:

The preposition 'with' is used here to depict inclusion or attachment of the Notebook software to the SMART Board Interactive Whiteboard device.

'With' is used to mean 'as part of something' or 'included among other things.' In this case, it illustrates that the Notebook software comes as part of the package with the SMART Board Interactive Whiteboard device.

The other prepositions 'upon,' 'to,' and 'along' do not correctly signify the relationship between the Notebook software and the device. They are less explicit in showing that the software is part of the product. Therefore, the correct answer is 'Option 4: with.'

Additional Information:

Option 1 ('upon') is typically used to show that something is on or above something else. It doesn't fit well in this context.

Option 2 ('to') is used to indicate an addition or attachment, but it is less clear that the software is a component or feature of the device.

Option 3 ('along') suggests going or extending in a line, or moving with someone, it doesn't fit the context.

---

**77. Answer: c**

**Explanation:**

The correct answer is 'Option 3: number'

Key Points:

The phrase 'a number of' is used to introduce a quantity of items that is not exact but is considerable or large. In this case, 'number' refers to the many tools that are included in the programme.

The 'number' signifies that there are multiple tools provided by the Notebook software for differentiating education.

The alternatives such as 'total,' 'limit,' and 'design' do not adequately or correctly express the quantity or variety of tools included in the package.

Therefore, 'number' is the most suitable term to express that Notebook software includes many tools for differentiating education. Therefore, the correct answer is 'Option 3: number.'

Additional Information:

Option 1 ('total') implies the entirety or the sum of the tools. However, we're focusing on the variety of tools, not their sum, which makes this option less suitable.

Option 2 ('limit') suggests a restriction or a boundary, which is not appropriate in this context as we are talking about the availability and variety of the tools.

Option 4 ('design') refers to the plan or drawing produced to show the look and function or workings of something before it is built or made. It doesn't make sense in the sentence.

---

**78. Answer: a**

**Explanation:**

The correct answer is 'Option 1: their'

Key Points:

In this context, 'their' is a possessive adjective used before a noun (in this case, 'finger') to show possession or ownership.

The sentence suggests that professors and students can use their own fingers to write on the SMART Board screen, implying personal possession. Hence, 'their' is fitting here.

The words 'there,' 'those,' and 'these' are inappropriate in this context as they do not show ownership or possession.

Therefore, 'their' is the correct term to use in this sentence to refer to the fingers of the professors and students who are interacting with the SMART Board. Therefore, the correct answer is 'Option 1: their'

Additional Information:

Option 2 ('there') typically refers to a place or position, which doesn't express possessiveness.

Option 3 ('those') and option 4 ('these') are demonstrative pronouns used to specify items or people. They do not indicate personal possession which is required in this context.

---

**79. Answer: a**

**Explanation:**

The correct answer is 'Option 1: access'

Key Points:

In this context, 'access' refers to the ability to use or get something. It implies that students can readily get or use the course materials saved as Notebook files.

The files can be saved in various forms, printed, emailed, posted, which suggests availability or 'access,' not validity, download, or exception.

'Validity,' 'download,' and 'exception' do not correctly fit the context of the sentence because they do not imply 'the right or ability to use or see something.'

Therefore, 'access' is the most suitable word to use in this context to indicate the students' ability to use or get course materials. Therefore, the correct answer is 'Option 1: access.'

Additional Information:

Option 2 ('validity') refers to the quality of being logically or factually sound, which isn't relevant to the context of the sentence.

Option 3 ('download') is an action of saving the documents from the internet or other sources to a local device which doesn't fit the context.

Option 4 ('exception') implies an instance or case not conforming to the general rule, which is not suitable for the current context.

---

## 80. Answer: d

### Explanation:

The correct answer is 'Option 4: enhance'

Key Points:

In this context, 'enhance' means to increase or improve. The statement implies that having a SMART Board available could improve or amplify the things that can be done on a computer in an educational setting.

The SMART Board is being presented as a tool that improves or 'enhances' the capabilities of a computer, making this the most fitting word.

The options 'form,' 'enlighten,' and 'create' do not convey the intended meaning that the SMART Board improves or amplifies the things that one can do on a computer. Therefore, 'enhance' is the most appropriate term to use in this context. Therefore, the correct answer is 'Option 4: enhance.'

Additional Information:

Option 1 ('form') suggests the action of creating or shaping something which doesn't fit the sentence context.

Option 2 ('enlighten') generally means to inform or give insight, not directly relevant in this context.

Option 3 ('create') implies to bring something into existence, which doesn't fit since we're discussing enhancing capabilities of something that already exists.