

# Prepp

## Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPS



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SSC GD Constable 2021 (English) Prev. Year Paper (06-Dec-2021) (Shift 3)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

## Instructions

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

- 1.) A total of 90 minutes is allotted for the examination.
- 2.) The server will set your clock for you. In the top right corner of your screen, a countdown timer will display the remaining time for you to complete the exam. Once the timer reaches zero, the examination will end automatically. The paper need not be submitted when your timer reaches zero.
- 3.) There will, however, be sectional timing for this exam. You will have to complete each section within the specified time limit. Before moving on to the next section, you must complete the current one within the time limits.

## General Intelligence and Reasoning

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

- a. OQP
- b. UYW
- c. DHF
- d. LPN

2. In a certain code language, 'MAYANK IS GREAT' is written as 're ge ne' 'HE IS AN INDIAN' is written as 'te re pe me' 'GREAT INDIAN CULTURE' is written as 'pe ge se'.

How will 'MAYANK' be written in that language ?

- a. ge
- b. ne
- c. re
- d. pe

3. There are 9 members, C, D, E, F, G, H, I, J and K, in a joint family. There are three married couples in the family. D is a teacher and the brother of E and F. G is the mother of I. J is the wife of C, and C is the grandfather of I. E is the only daughter of C. K is the daughter of F and H. (+1, -0.25)

Who is the wife of the teacher?

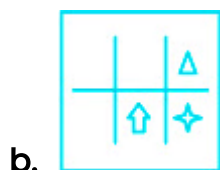
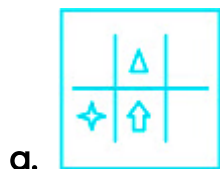
- a. G

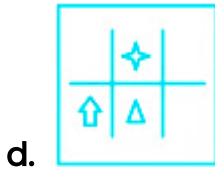
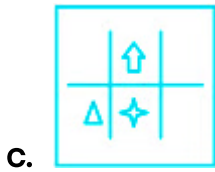
- b. J
- c. H
- d. E

4. 'Triangle' is related to 'Pyramid' in the same way as 'Rectangle' is related to '(+1, -0.25) '-----'.

- a. Cube
- b. Cuboid
- c. Quadrilateral
- d. Cone

5. Select the figure that will come next in the following figure series. (+1, -0.25)





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

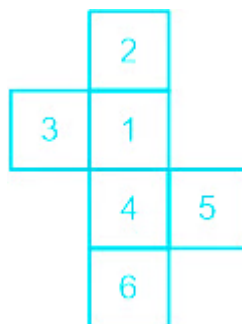
XGC, UHE, RIH, ?

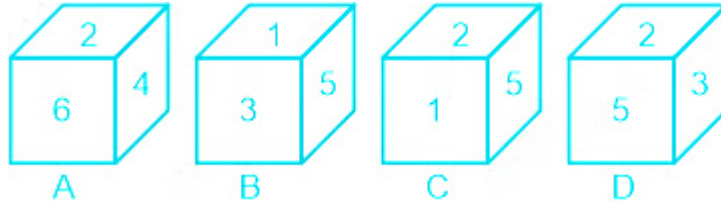
- a. OJL
- b. PJJ
- c. OKL
- d. OJK

prepp

Your Personal Exams Guide

7. Select the dice that can be formed by folding the given sheet along the lines. (+1, -0.25)





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

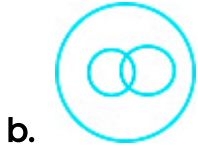
8. Study the given pattern carefully and select the number that can replace the question mark (?) in it. (+1, -0.25)

3	13	4
4	27	11
6	?	31

- a. 76
- b. 65
- c. 56
- d. 67

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

Dove, Bear, Bird



---

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

$36 : 9 :: ? : 16$

- a. 61
- b. 65
- c. 64
- d. 80

---

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

13, 27, 56, 115, 234, ?

- a. 702

- b. 473
- c. 455
- d. 468

---

12. Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary. (+1, -0.25)

- 1. Parade
- 2. Parallel
- 3. Pearl
- 4. Peanut
- 5. Peach

- a. 1, 2, 5, 4, 3
- b. 2, 1, 4, 5, 3
- c. 1, 2, 5, 3, 4
- d. 5, 2, 1, 4, 3

---

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

QGNB : ZPWK :: HLMO : ?

- a. RVWZ
- b. QUVX
- c. RVWY



d. PUVX

---

14. In a certain code language, 24391 is written as  $\neq \infty \times \textcircled{*}$  and 15678 is written as  $*\beta \in \mu \text{£}$ . How will 65432 be written in that language? (+1, -0.25)

a.  $\beta \in \neq \infty \times$

b.  $\in \beta \infty \times \neq$

c.  $\times \neq \in \beta \infty$

d.  $\neq \infty \times \beta \in$

---

15. Pranavi, Vinita, Rupa, Soumya, Bhavana, Urmila and Arohi are seven friends sitting in a circle, facing the centre of the circle. Arohi is second to the left of Soumya and is the neighbour of Bhavana and Urmila. Soumya is not a neighbour of Rupa or Bhavana. Pranavi is a neighbour of Vinita and Rupa. (+1, -0.25)

Based on the given information, which of the following statements is correct?

a. Arohi is sitting between Rupa and Pranavi.

b. Rupa is sitting between Bhavana and Pranavi.

c. Vinita is sitting between Bhavana and Pranavi.

d. Soumya is sitting between Urmila and Arohi.

---

16. Sarayu bought two refrigerators at two different prices, for a total cost of ₹80,000. By selling one for  $\frac{3}{4}$  of its cost price and another for  $\frac{4}{3}$  of its (+1, -0.25)

cost price, she earns a profit of ₹8,000 on the whole transaction. Find the cost price of the refrigerator which was bought at a higher price.

- a. Rs. 50,000
- b. Rs. 45,000
- c. Rs. 48,000
- d. Rs. 40,000

---

17. J, H, Q, S, X, L and I are sitting in a straight line facing south, but not necessarily in the same order. There are two people between J and Q. X is sitting between J and S and is second to the right of H. L is sitting at the second place to the left of Q and to the immediate left of I. Q and H are at the extreme ends of the straight line. Who among the following sits third to the left of J? (+1, -0.25)

- a. L
- b. S
- c. H
- d. Q

---

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

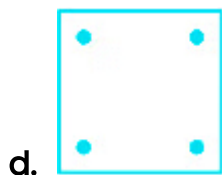
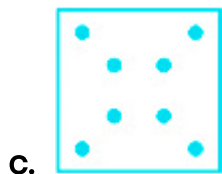
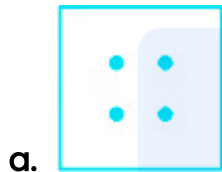
H \_ M T \_ H O \_ T C H O M \_ C \_ O \_ T C

- a. M C M T H C
- b. O C T M C M

c. OCMTHM

d. HCMTOM

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



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

Statements:

Some lockers are keys.

Some keys are doors.

Conclusions:

I. Some lockers are doors.

II. All keys are doors.

- a. Neither conclusion I nor II follows
- b. Both conclusions I and II follow
- c. Only conclusion I follows
- d. Only conclusion II follows

prepp  
Your Personal Exams Guide

21. Select the correct mirror image of the given combination when the mirror is placed at PQ. (+1, -0.25)

CQ6RUL  
P  
Q

a. 7UR900  
CQ6RNL

CQ6RNL  
7UR900

b.

c. CQ6RNT

d. CQ6RNT

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

23, 28, 38, 55, 81, ?

a. 99

b. 118

c. 104

d. 136

23. Find the total number of triangles embedded in the given figure. (+1, -0.25)



a. 9

b. 12

c. 14

d. 10

---

24. In a certain code language, 'TABLET' is written as 'WYFJJR'. How will 'INSERT' be written in that language? (+1, -0.25)

a. LLCWWR

b. LLWCWR

c. LWLWCR

d. LLWWCR

---

25. In a certain code language, BULK is written as 4212411. How will INCH be written in that language? (+1, -0.25)

a. 181614

b. 181468

c. 914188

d. 914128

## General Knowledge and General Awareness

26. The World Day for \_\_\_\_\_ Heritage was held on the 27<sup>th</sup> October 2020 (+1, -0.25) with the theme, 'Your Window to the World'.
- a. Cultural
  - b. Linguistic
  - c. Audiovisual
  - d. Spiritual
- 
27. Which of the following minerals does NOT fall in the category of non-metallic minerals? (+1, -0.25)
- a. Mica
  - b. Limestone
  - c. Bauxite
  - d. Gypsum
- 
28. In which of the following city is the headquarters of Equitas Small Finance Bank located? (+1, -0.25)
- a. Gurugram
  - b. Mumbai
  - c. Chennai
  - d. Bengaluru

29. As per the Motor Vehicles (Amendment) Act 2019, driving under the influence of alcohol is punishable with imprisonment up to \_\_\_\_\_ and/or fine of ₹15,000 for second offence. (+1, -0.25)

- a. 1 year
  - b. 2 years
  - c. 3 months
  - d. 6 months
- 

30. Which among the following is used as a reflector in search lights? (+1, -0.25)

- a. Concave lens
  - b. Plain mirror
  - c. Concave mirror
  - d. Convex mirror
- 

31. As per the Economic Survey of India 2019-20 what is the approximate contribution of the service sector to the total FDI inflows into India? (+1, -0.25)

- a. Two-third
  - b. Half
  - c. One-tenth
  - d. One-fourth
-



32. Bengal gradually broke away from Mughal control under \_\_\_\_\_ . (+1, -0.25)

- a. Mukarram Khan
  - b. Ali Kadir
  - c. Alivardi Khan
  - d. Murshid Quli Khan
- 

33. The northern most range of the Himalayan mountain is known as: (+1, -0.25)

- a. Lesser Himalaya
  - b. Mahabharat ranges
  - c. Outer Himalaya
  - d. Great Himalaya
- 

34. Who among the following was the first recipient of the Jnanpith Award in 1965? (+1, -0.25)

- a. Akkitham Achuthan Namboothiri
  - b. Dr ONV Kurup
  - c. G Sankara Kurup
  - d. Dr MT Vasudevan Nair
- 

35. Acidic and basic solutions in water conduct electricity because they produce \_\_\_\_\_ and hydroxide ion, respectively. (+1, -0.25)

- a. calcium
  - b. sulphur
  - c. chlorine
  - d. hydrogen
- 

36. Mahatma Gandhi started the Salt March on 12 March 1930 from: (+1, -0.25)

- a. Santiniketan
  - b. Sevagram
  - c. Sabarmati
  - d. Champaran
- 

37. Who among the following has been appointed as Regional Ambassador for India by United Nations Environment Programme in September 2020? (+1, -0.25)

- a. Smriti Mandhana
  - b. Nethra Kumanan
  - c. Khushi Chindaliya
  - d. Dia Mirza
- 

38. Who among the following was the first Indian boxer to receive a medal at the Olympic games? (+1, -0.25)

- a. Vijender Singh

- b. Laishram Sarita Devi
  - c. Akhil Kumar
  - d. Mary Kom
- 

39. Who among the following built Mandu as his capital? (+1, -0.25)

- a. Dilawar Khan
  - b. Hoshang Shah
  - c. Mir Jafar
  - d. Bahman Shah
- 

40. The Andhra State Act (1953) formed the \_\_\_\_\_ linguistic state of India. (+1, -0.25)

- a. second
  - b. first
  - c. fourth
  - d. third
- 

41. Who among the following claimed gold in the 64 kg category of the 35th edition of the Senior Women's National Weightlifting Championships at Khudiram Anushilan Kendra in Kolkata? (+1, -0.25)

- a. Rakhi Halder
- b. K Roshilata Devi

- c. Veerjeet Kaur
  - d. Harjinder Kaur
- 

42. James Mill, in his book, 'The History of British India' had divided the Indian History into three periods that do NOT include which among the following? (+1, -0.25)

- a. Christian
  - b. British
  - c. Muslim
  - d. Hindu
- 

43. Which of the following rivers flows between the Zaskar (Zaskar) and Ladakh ranges? (+1, -0.25)

- a. Indus
  - b. Ganga
  - c. Yamuna
  - d. Brahmaputra
- 

44. Who among the following built the Charminar of Hyderabad? (+1, -0.25)

- a. Mohammed Quli Qutub Shah
- b. Humayun
- c. Muhammad Adil Shah

d. Akbar

---

45. Which of the following nations signed a landmark 'Reciprocal Access Agreement' ('RAA') on 17 November 2020 in an attempt to counter China's growing influence in the South China and Indo Pacific region? (+1, -0.25)

a. Australia and The US

b. India and Japan

c. India and The US

d. Australia and Japan

---

46. In which of the following year were the Kandahar Edicts of Ashoka discovered? (+1, -0.25)

a. 1958

b. 1960

c. 1956

d. 1954

---

47. As per Budget 2020-2021 to ease the eligibility of non-banking finance companies (NBFCs) to recover loans from truant borrowers under the Sarfaesi Act 2002 has been reduced to an asset size of Rs. \_\_\_\_\_ (+1, -0.25)

a. Rs. 75 crore

b. Rs. 50 crore

c. Rs. 250 crore

---

d. Rs. 100 crore75

---

48. Mirabai Chanu and \_\_\_\_\_ won silver medals at the (2020) Olympic Games held in Tokyo in 2021. (+1, -0.25)

- a. Lovlina Borgohain
  - b. Neeraj Chopra
  - c. Bajrang Punia
  - d. Ravi Kumar Dahiya
- 

49. HIV is a virus that attacks the body's immune system. What is the full form of HIV? (+1, -0.25)

- a. Human immunity deficiency virus
  - b. Herpes immunodeficiency virus
  - c. Human immunodeficiency virus
  - d. Human infectious virus
- 

50. The theme of the 12<sup>th</sup> BRICS Summit hosted by Russia in 2020 was '\_\_\_\_\_'. (+1, -0.25)

- a. building up inclusive and collective solutions
- b. inclusive growth, sustainable solutions
- c. global stability, shared security and innovative growth
- d. stronger partnership for a brighter future

## Elementary Mathematics

51. Kavita bought a watch for Rs. 2,500 and sold it at a loss of 12%. From this money, she bought a fan and sold it at a profit of 15%. What is her overall gain/loss percentage? (+1, -0.25)
- a. Gain 3%
- b. Gain 1.2%
- c. Loss 0.3%
- d. Loss 1.5%
- 
52. The LCM of two positive numbers is 28 times their HCF. If their HCF is 5 and the difference between the numbers is 15, then the sum of the two numbers is: (+1, -0.25)
- a. 55
- b. 45
- c. 50
- d. 65
- 
53. If a certain sum with compound interest becomes  $1\frac{1}{2}$  times in 4 years, then in how many years will the same sum become  $2\frac{1}{4}$  times at the same rate of interest? (+1, -0.25)
- a. 6
- b. 8

c. 7

d. 9

---

54. A sum of Rs. 9,600 was invested partly at the rate of 8% and the rest at the rate of 10% p.a. simple interest. Total interest received from both the investments was Rs. 3,500 after 4 years. The sum (in Rs.) invested at the rate of 10% p.a. was: (+1, -0.25)

a. 4,400

b. 5,350

c. 5,200

d. 4,250

---

55. A swimmer can swim at a speed of 12 km/h in still water. If a river is flowing at a speed of 2 km/h, then how much time will the swimmer take to swim 6 km upstream? (+1, -0.25)

a. 40 min

b. 36 min

c. 28 min

d. 30 min

---

56. Out of three numbers, the first number is three times the second number and twice the third number. If the average of these three numbers is 110, then find the smallest number. (+1, -0.25)

a. 40



- b. 45
- c. 60
- d. 30

---

57. An amount of Rs. 5,800 is divided into three parts in such a way that half of the first part, one-fifth of the second part, and three-eighth of the third part are equal. The value of the third part is: (+1, -0.25)

- a. Rs. 1,500
- b. Rs. 1,200
- c. Rs. 1,400
- d. Rs. 1,600

---

58. Simplify the following expression. (+1, -0.25)

$$\frac{6\frac{1}{2} + 2\frac{5}{7} \times \frac{14}{19} - \frac{1}{2} \div 2 \text{ of } \frac{1}{4}}{11 \times 12 \div 12 + 12}$$

- a.  $\frac{15}{46}$
- b.  $\frac{19}{46}$
- c.  $\frac{15}{143}$
- d.  $\frac{110}{437}$

---

59. Pipes A and B can fill a tank in 10 hours and  $13\frac{1}{3}$  hours, respectively. Pipe C is an emptying pipe. When all the three pipes are opened together, the tank is filled in 8 hours. In how many hours will Pipe C alone empty 25% of the tank? (+1, -0.25)

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

---

60. The marked price of an article is Rs. 250. It is sold for Rs. 164.70 after giving three successive discounts of 20%, 10% and  $x\%$  on the marked price. What is the value of  $x$ ? (+1, -0.25)

- a. 8.5
- b. 9
- c. 9.5
- d. 8

---

61. The curved surface area of a right circular cone is  $3185\pi\text{ cm}^2$ . If the radius of its base is 35 cm, then its height (in cm) will be: (+1, -0.25)

- a. 42
- b. 84
- c. 98
- d. 49

---

62. A fan is sold at a profit of 20%. If Rs 150 is reduced from both the cost price and the selling price of the fan, the profit will be 5% more. Find the original cost price (in Rs) of the fan. (+1, -0.25)

- a. 450
- b. 750
- c. 600
- d. 800

---

63. When  $x$  is added to each of the numbers 11, 18, 27, 42, the numbers so obtained are in proportion. What is the mean proportional between  $(11x + 3)$  and  $(9x - 2)$ ? (+1, -0.25)

- a. 24
- b. 28
- c. 25
- d. 30

---

64. The total surface area of a solid cube is  $294 \text{ cm}^2$ . It is melted and recast into a right circular cylinder of radius 7 cm. What is the height (in cm, correct to one decimal place) of the cylinder? (Take  $\pi = \frac{22}{7}$ ) (+1, -0.25)

- a. 4.5
- b. 2.2
- c. 1.8
- d. 3.1

---

65. A shopkeeper bought 35 dozen pencils for Rs. 1,500. How many pencils should he sell for Rs. 125 to gain 40%? (+1, -0.25)

- a. 28
- b. 25
- c. 24
- d. 20

66. Sumit earned Rs. 10,692 as simple interest on Rs. 29,700 at a certain rate of interest for 3 years. His friend Anil invested Rs. 12,500 for 2 years at the same rate of interest but on compound interest compounded annually. How much did Anil earn as interest? (+1, -0.25)

- a. Rs. 3,150
- b. Rs. 3,180
- c. Rs. 3,200
- d. Rs. 3,000

67. The value of  $(\frac{7}{5} \div \frac{7}{10} \text{ of } \frac{3}{4}) \div \frac{4}{9} + (\frac{7}{16} \div 10\frac{1}{2} \times 7\frac{1}{5}) \times \frac{5}{12}$  is: (+1, -0.25)

- a.  $\frac{49}{8}$
- b.  $\frac{39}{4}$
- c.  $\frac{41}{4}$
- d.  $\frac{47}{8}$

68. A, B and C are three numbers. A is 20% more than B, and C is 20% less than the sum of A and B. The difference between C and B is what per cent less than A (correct to one decimal place)? (+1, -0.25)

- a. 40.8%
  - b. 36.7%
  - c. 57.9%
  - d. 52.4%
- 

69. Find the greatest number that exactly divides 2880, 6525 and 8307. (+1, -0.25)

- a. 7
  - b. 11
  - c. 3
  - d. 9
- 

70. 564 is divided into two parts such that the eight part of the first and the fifth part of the second are in the ratio of 5 : 4. The two parts, respectively, are: (+1, -0.25)

- a. 140 and 424
  - b. 376 and 188
  - c. 188 and 376
  - d. 424 and 140
- 

71. A and B started simultaneously and proceeded towards each other from places X and Y, respectively. After meeting each other at a certain point on the way, A and B took 3.2 hours and 1.8 hours, to reach Y and X, (+1, -0.25)

respectively. If the speed of B was 12 km/h, then the speed (in km/h) of A was:

- a. 8
- b. 16
- c. 9
- d. 12

---

72. The average weight of 14 persons is 76.5 kg. If 3 more persons of weight 82 kg, 75 kg and x kg join them, then the average weight of all the persons increases by 0.5 kg. What is the value of x? (+1, -0.25)

- a. 80.5
- b. 79.5
- c. 81
- d. 85

prepp  
Your Personal Exams Guide

---

73. A shopkeeper offers 15% discount and still gains 5% profit. If the cost price is Rs. 340.00, the Marked Price will be: (+1, -0.25)

- a. Rs. 380.00
- b. Rs. 450.00
- c. Rs. 420.00
- d. Rs. 400.00

74. For completing a certain work, A is 50% less efficient than B and B is 50% more efficient than C. Working together A, B and C can complete the work in 48 days. A alone can complete the same work in: (+1, -0.25)
- a. 156 days
  - b. 104 days
  - c. 208 days
  - d. 52 days
- 

75. If 15% of A is equal to 45% of B, then what percentage of A - B is A? (+1, -0.25)
- a. 90%
  - b. 60%
  - c. 75%
  - d. 150%

Your Personal Exams Guide

## English

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

Pictures given in a book for the purpose of explaining things

- a. Decoration
- b. Ornamentation
- c. Illustration
- d. Demonstration

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

Storm in a teacup

- a. Anger or fuss about something trivial
- b. Thunder and storm during meal time
- c. Too little tea poured in a cup
- d. Making a habit of breaking teacups

78. Select the most appropriate synonym of the given word. (+1, -0.25)

Irregular

- a. Usual
- b. Common
- c. Uneven



d. Smooth

---

79. The following sentence has been divided into parts. One of them may contain an error. Select the part that contains the error from the given options. If you don't find any error, select 'No error' as your answer. (+1, -0.25)

This newspaper has / a bigger circulation / from any other newspaper.

- a. a bigger circulation
  - b. This newspaper has
  - c. from any other newspaper
  - d. No error
- 

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

To let someone off

- a. To punish someone lightly
  - b. To thank someone
  - c. To scold someone severely
  - d. To allow someone
- 

81. Select the most appropriate option that can substitute the underlined word in the given sentence. (+1, -0.25)

At the time I was driving near Delhi, I perfectly felt the need to stretch my legs.

- a. suddenly
  - b. partially
  - c. effortlessly
  - d. normally
- 

82. Parts of the given sentence have been given as options. One of them contains a grammatical error. Select the option that has the error. (+1, -0.25)

The news reporter highlighting the mysterious death of the film actor repeatedly.

- a. repeatedly
  - b. the mysterious death
  - c. highlighting
  - d. of the film actor
- 

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

Oppose

- a. Quarrel
  - b. Assist
  - c. Control
  - d. Favour
-

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

The old man has earned the \_\_\_\_\_ of settling disputes peacefully.

- a. restoration
- b. reputation
- c. renown
- d. resistance

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

It is not simple / to finding / a way out / of problems.

- a. to finding
- b. a way out
- c. It is not simple
- d. of problems

86. Select the INCORRECTLY spelt word. (+1, -0.25)

- a. Previous
- b. Private
- c. Prevalent
- d. Priviledge

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

(+1, -0.25)

The huge vase looks out of \_\_\_\_\_ with the surroundings.

- a. place
- b. size
- c. design
- d. shape

88. Select the option that will improve the underlined part of the given sentence. In case no improvement is needed, select 'No improvement required'.

(+1, -0.25)

The farmer was deprived from his land by the money lender.

- a. depriving in
- b. deprived of
- c. No improvement required
- d. deprived on

89. Select the option that can be used as a one-word substitute for the given group of words.

(+1, -0.25)

One who supervises in an examination hall

- a. Teacher
- b. Inspector

- c. Examinee
- d. Invigilator

---

90. Select the INCORRECTLY spelt word.

(+1, -0.25)

- a. Approve
- b. Progress
- c. Present
- d. Delicious

---

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

(+1, -0.25)

Humble

- a. Arrogant
- b. Boring
- c. Fair
- d. Modest

---

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

(+1, -0.25)

Promotion

- a. Elevation
- b. Domination
- c. Demotion

d. Endearment

---

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

Several companies have come up with technology at \_\_\_\_\_ prices to suit consumers of all segments.

- a. affordable
  - b. amenable
  - c. agreeable
  - d. acceptable
- 

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

The first meeting of the Standing Committee were on growth financing because investment is crucial for us in revival after the pandemic.

- a. No substitution required
  - b. have been in growth financing
  - c. was on growth financing
  - d. are on growth financing
- 

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

One who disbelieves the existence of God

- a. Atheist
- b. Theologist
- c. Monotheist
- d. Polytheist

---

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

A biosketch is (1) \_\_\_\_\_ brief summary of a person's professional (2) \_\_\_\_\_ and recognition. It is meant (3) \_\_\_\_\_ highlight the important (4) \_\_\_\_\_ of one's training, experience and (5) \_\_\_\_\_ of interest.

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

- a. No article required
- b. a
- c. one
- d. an

---

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

A biosketch is (1) \_\_\_\_\_ brief summary of a person's professional (2) \_\_\_\_\_ and recognition. It is meant (3) \_\_\_\_\_ highlight the important (4) \_\_\_\_\_ of one's training, experience and (5) \_\_\_\_\_ of interest.

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

- a. annoyance
- b. adventures
- c. establishments
- d. accomplishments

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

A biosketch is (1)\_\_\_\_\_ brief summary of a person's professional (2)\_\_\_\_\_ and recognition. It is meant (3)\_\_\_\_\_ highlight the important (4)\_\_\_\_\_ of one's training, experience and (5)\_\_\_\_\_ of interest.

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

- a. from
- b. about
- c. to
- d. of

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

A biosketch is (1)\_\_\_\_\_ brief summary of a person's professional (2)\_\_\_\_\_ and recognition. It is meant (3)\_\_\_\_\_ highlight the



important (4) \_\_\_\_\_ of one's training, experience and (5) \_\_\_\_\_ of interest.

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

- a. austerity
- b. assignments
- c. availability
- d. aspects

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

A biosketch is (1) \_\_\_\_\_ brief summary of a person's professional (2) \_\_\_\_\_ and recognition. It is meant (3) \_\_\_\_\_ highlight the important (4) \_\_\_\_\_ of one's training, experience and (5) \_\_\_\_\_ of interest.

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

- a. surface
- b. section
- c. areas
- d. space

## Answers

### 1. Answer: a

#### Explanation:

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

The logic followed here is:

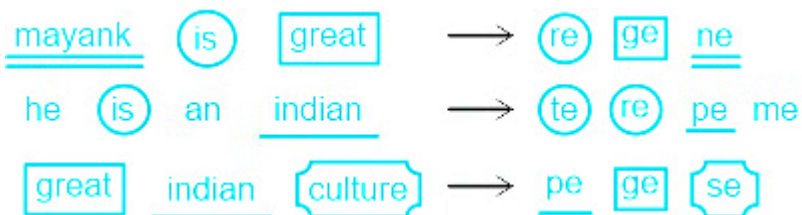
1. OQP  $\rightarrow$  O + 2 = Q; Q - 1 = P
2. UYW  $\rightarrow$  U + 4 = Y; Y - 2 = W
3. DHF  $\rightarrow$  D + 4 = H; H - 2 = F
4. LPN  $\rightarrow$  L + 4 = P; P - 2 = N

Hence, 'OQP' is the odd one out.

### 2. Answer: b

#### Explanation:

The code for each word is shown below:



Clearly, 'MAYANK' be written as 'ne' in that language.

Hence, 'ne' is the correct answer.






3. Answer: a

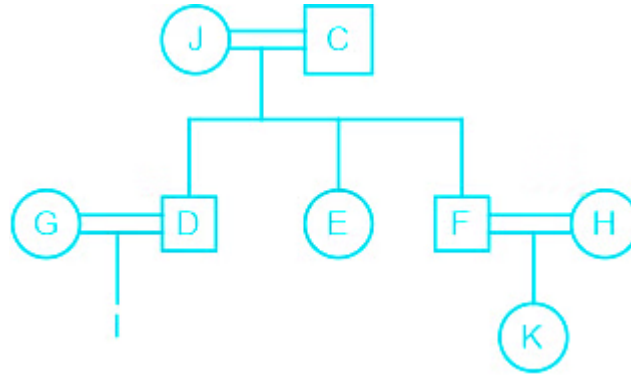
**Explanation:**

There are 9 members, **C, D, E, F, G, H, I, J and K**, in a joint family. There are three married couples in the family.

- D is a teacher and the brother of E and F.
- G is the mother of I.
- J is the wife of C, and C is the grandfather of I.
- E is the only daughter of C.
- K is the daughter of F and H.

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

Symbol in Diagram	Meaning
	Female
	Male
	Married Couple
	Siblings
	Difference of a Generation



D is the teacher and his wife is G.

Hence, 'G' is the correct answer.

4. Answer: b

Explanation:

The logic followed here is:

- 'Triangle' is related to 'Pyramid' → A pyramid is a structure whose outer surfaces are triangular.

Similarly,

- 'Rectangle' is related to '\_\_\_\_\_ ' → C uboid is a hexahedron, a six-faced solid whose outer surfaces are rectangle .

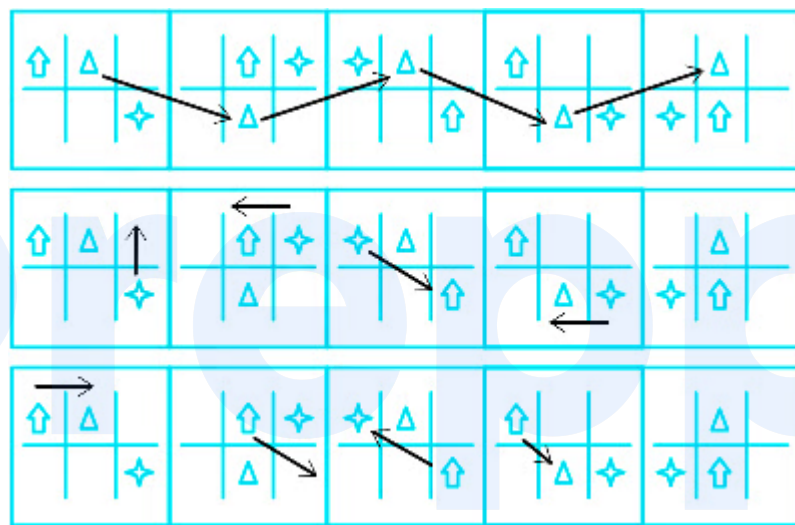
Hence, 'Cuboid' is the correct answer.

5. Answer: a

Explanation:

The figure that will come next in the following figure series is shown below:

- 1) Triangle shift their position downward in next figure then moved upward in next figure and so on.
- 2) Arrow rotate clockwise one step in second figure, then rotate two step clockwise in third figure, then rotate three step clockwise in fourth figure at last rotate four step clockwise in last figure.
- 3) Star rotate anticlockwise one step in second figure, then rotate two step anticlockwise in third figure, then rotate three step anticlockwise in fourth figure at last rotate four step anticlockwise in last figure.



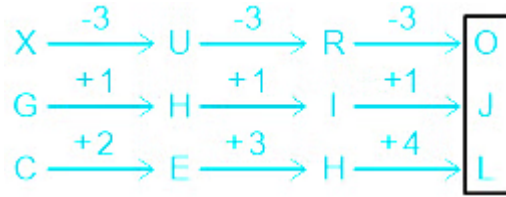
Hence, 'option 1' is the correct answer.

6. Answer: a

Explanation:

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

The logic followed here is:

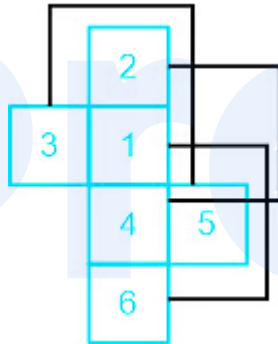


Hence, 'OJL' is the correct answer.

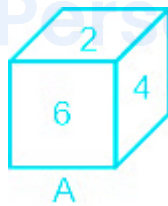
**7. Answer: d**

**Explanation:**

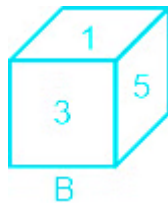
Faces opposite to each other is shown below:



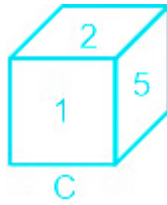
→ Cannot be formed as 2 and 4 are opposite faces.



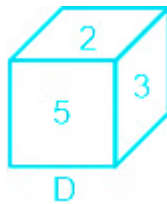
→ Cannot be formed as 3 and 5 are opposite faces.



→ Can be formed.



→ Cannot be formed as 3 and 5 are opposite faces.



Hence, 'Only C' is the correct answer.

8. Answer: d

Explanation:

The logic followed here is Row - wise:

$(\text{First number})^2 + \text{Third number} = \text{Second number}$

Row 1:

3	13	4
---	----	---

- $3^2 + 4 = 9 + 4 = 13$

And,

Row 2:

4	27	11
---	----	----

- $4^2 + 11 = 16 + 11 = 27$

Similarly,

Row 3:

6	?	31
---	---	----

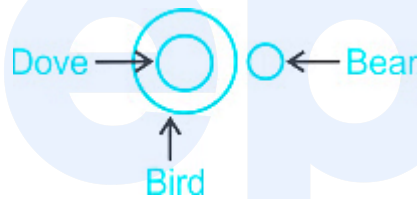
- $6^2 + 31 = 36 + 31 = 67$

Hence, '67' is the correct answer.

9. Answer: a

Explanation:

The Venn diagram that best represents the relationship between Dove, Bear, and Bird is:



Dove is a bird.

Bear is an animal.

Hence, 'option 1' is the correct answer.

10. Answer: c

Explanation:

The logic followed here is:

- $36 : 9 \rightarrow 36 \div 4 = 9$

Similarly,



- $? : 16 \rightarrow ? \div 4 = 16$
- $\Rightarrow ? = 16 \times 4$
- $\Rightarrow ? = 64$

Hence, '64' is the correct answer.

---

## 11. Answer: b

### Explanation:

The logic followed here is:

$$13 \times 2 + 1 = 26 + 1 = 27$$

$$27 \times 2 + 2 = 54 + 2 = 56$$

$$56 \times 2 + 3 = 112 + 3 = 115$$

$$115 \times 2 + 4 = 230 + 4 = 234$$

$$234 \times 2 + 5 = 468 + 5 = 473$$

Hence, '473' is the correct answer.

---

Your Personal Exams Guide

## 12. Answer: a

### Explanation:

Select the correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary.

1. Parade
2. Parallel
5. Peach

4. Pean ut

3. Pear l

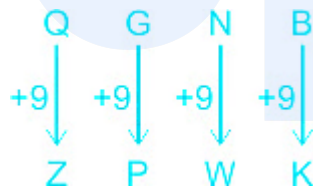
Hence, '1, 2, 5, 4, 3' is the correct answer.

13. 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:



Similarly,



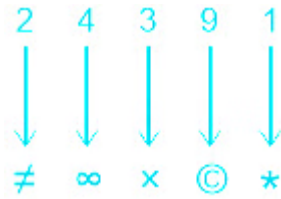
Hence, 'QUVX' is the correct answer.

14. Answer: b

Explanation:

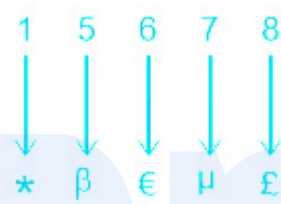
The logic followed here is :-

24391 is written as  $\neq \infty \times \text{©} *$ .



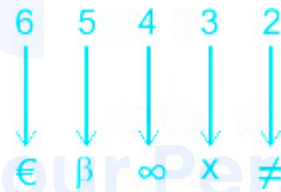
And

15678 is written as  $*\beta\text{€}\mu\text{£}$ .



Similarly,

65432 will be written as :



Hence, the correct answer is  $\text{€}\beta\infty\times\neq$ .

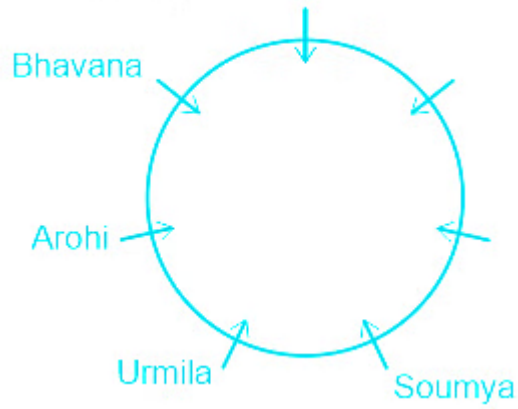
**15. Answer: b**

**Explanation:**

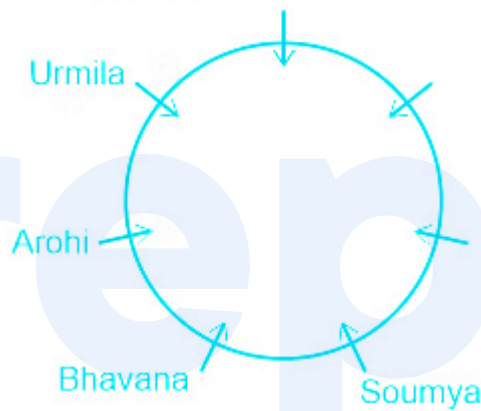
Pranavi, Vinita, Rupa, Soumya, Bhavana, Urmila and Arohi are seven friends sitting in a circle, facing the centre of the circle.

1. Arohi is second to the left of Soumya and is the neighbour of Bhavana and Urmila.

Case -1



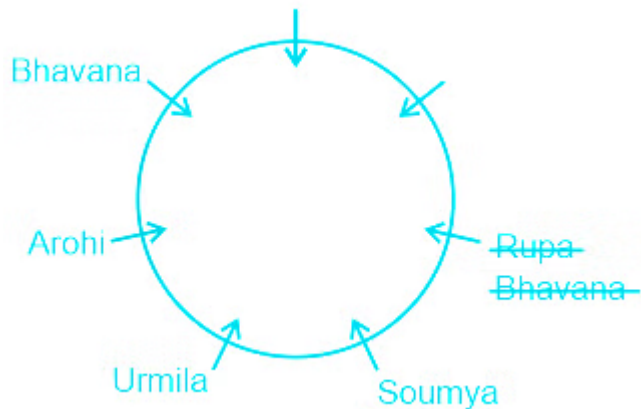
Case -2



2. Soumya is not a neighbour of Rupa or Bhavana.

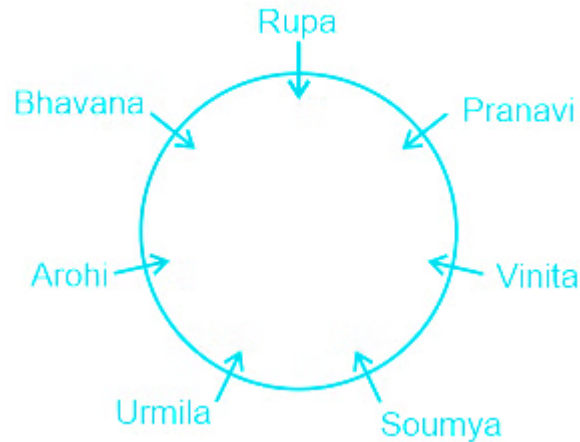
Case II is eliminated based on the above statement.

Case -1



3. Pranavi is a neighbour of Vinita and Rupa.

Case -1



Based on the given information, the statement which is correct is:

1. Arohi is sitting between Rupa and Pranavi. → False
2. Rupa is sitting between Bhavana and Pranavi. → True
3. Vinita is sitting between Bhavana and Pranavi. → False
4. Soumya is sitting between Urmila and Arohi. → False

Hence, '**Rupa is sitting between Bhavana and Pranavi**' is the correct answer.

16. **Answer: c**

**Explanation:**

**Given:**

The total cost price of two different refrigerators is 80,000.

The selling price of two different refrigerators is 88,000.

**Let,**

the cost price of two different refrigerators is x and y respectively.

So,  $x + y = 80,000$  -----(i)

By selling one for  $\frac{3}{4}$  of its cost price and another for  $\frac{4}{3}$  of its cost price, she earns a profit of ₹8,000.

So, The selling price of two different refrigerators is 88,000.

Therefore,

$$\left(\frac{3}{4}\right)x + \left(\frac{4}{3}\right)y = 88,000$$

$$\Rightarrow (9x + 16y) / 12 = 88,000$$

$$\Rightarrow 9x + 16y = 1056000 \text{ -----(ii)}$$

From, (i) and (ii)

$$(9x + 16y) - (9x + 9y) = 1056000 - 720000$$

$$\Rightarrow 9x + 16y - 9x - 9y = 336000$$

$$\Rightarrow 7y = 336000$$

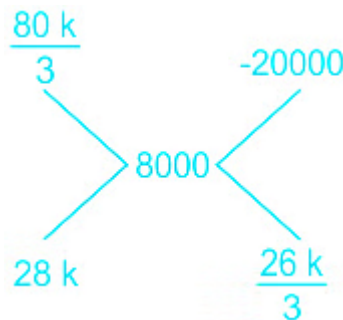
$$\Rightarrow y = 48000$$

$$\text{Then } x = 80000 - 48000 = 32000$$

Hence, the cost price of the refrigerator which was bought at a higher price is 48000 rs.

Hence, the correct answer is "option (3)".

★ Alternate Method



3 : 2

$$5X = 80000$$

$$X = 16000$$

Hence,  $X = 48000$ .

17. Answer: c

Explanation:

J, H, Q, S, X, L and I are sitting in a straight line facing south, but not necessarily in the same order.

1. X is sitting between J and S and is second to the right of H.
2. Q and H are at the extreme ends of the straight line.

Case 1



Case 2



2. L is sitting at the second place to the left of Q and to the immediate left of I.

Case 1

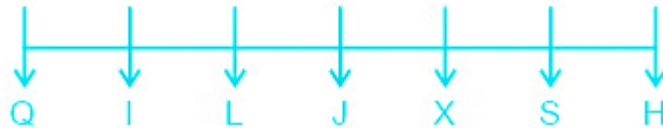


Case 2



There are two people between J and Q, so case 2 will be eliminated.

Case 1



From Case 1, H sits third to the left of J.

From the options, we can conclude that H sits third to the left of J.

Hence, 'H' is the correct answer.

18. Answer: c

Explanation:

Given sequence: H \_ M T \_ H O \_ T C H O M \_ C \_ O \_ T C

1. M C M T H C → H M M T C - H O M T C - H O M T C - H O C T C
2. O C T M C M → H O M T C - H O T T C - H O M M C - C O M T C
3. O C M T H M → H O M T C - H O M T C - H O M T C - H O M T C
4. H C M T O M → H H M T C - H O M T C - H O M T C - O O M T C

- In option 3, HOMTC is repeated.

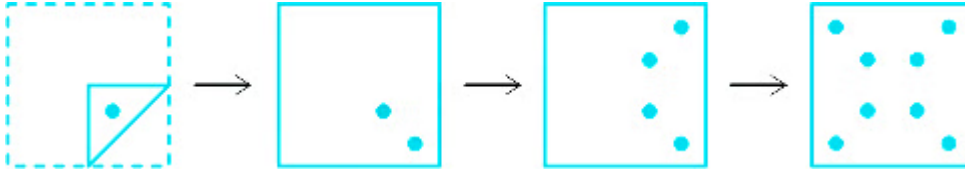
Hence, 'O C M T H M' is the correct answer.

19. Answer: c



**Explanation:**

The paper when unfolded will appear as shown below:



Hence, ' option 3 ' is the correct answer.

**20. Answer: a**

**Explanation:**

The least possible Venn diagram is:



**Conclusions:**

- I. Some lockers are doors. → Do not follow (As, there is no definite relation between lockers and doors. Hence, false)
- II. All keys are doors. → Do not follow (As, there is no definite relation between keys and doors. Hence, false)

Hence, **neither conclusion I nor II follows** .

**21. Answer: d**

**Explanation:**

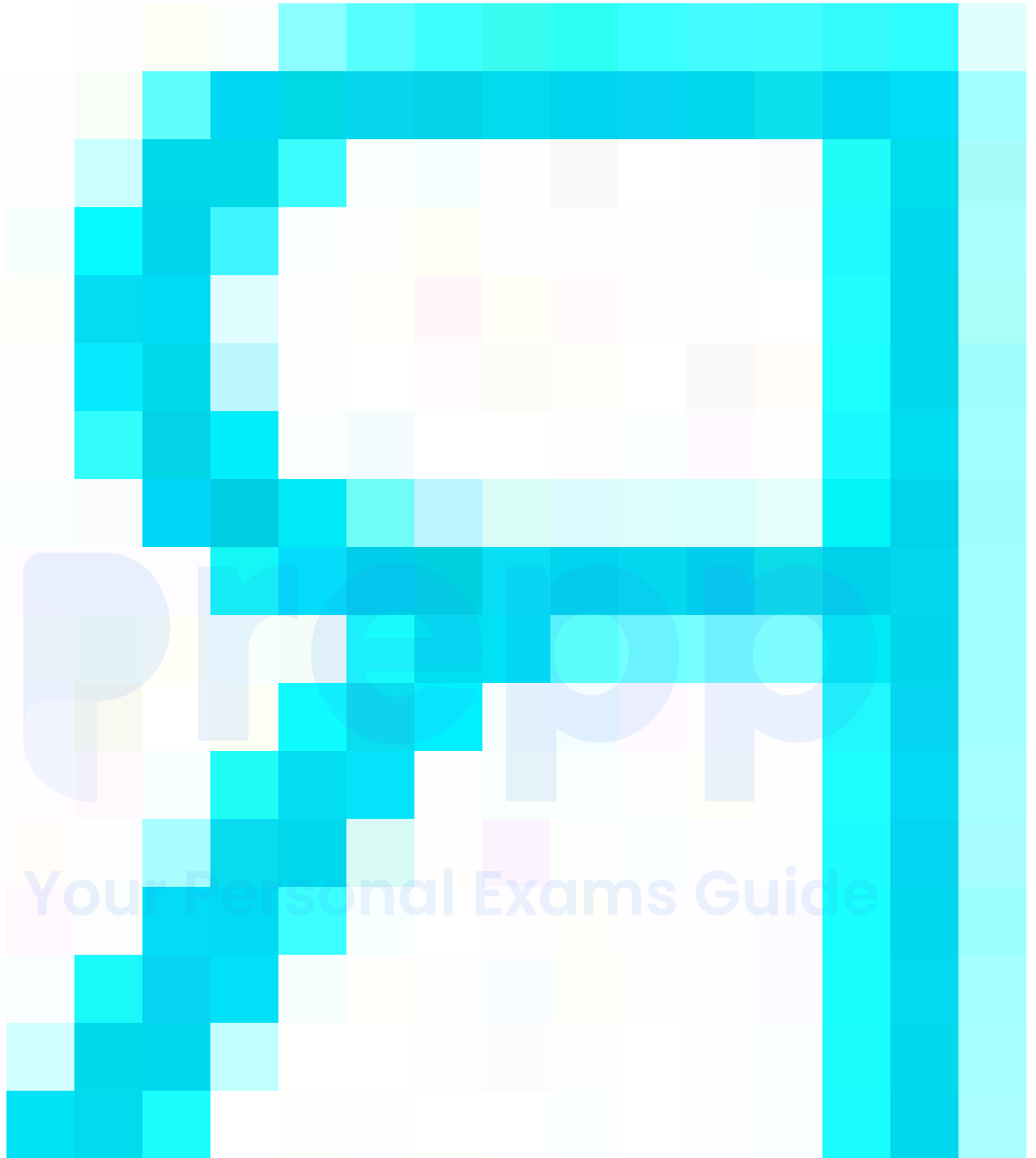
The mirror image of the given combination when the mirror is placed at the right side is as shown below :



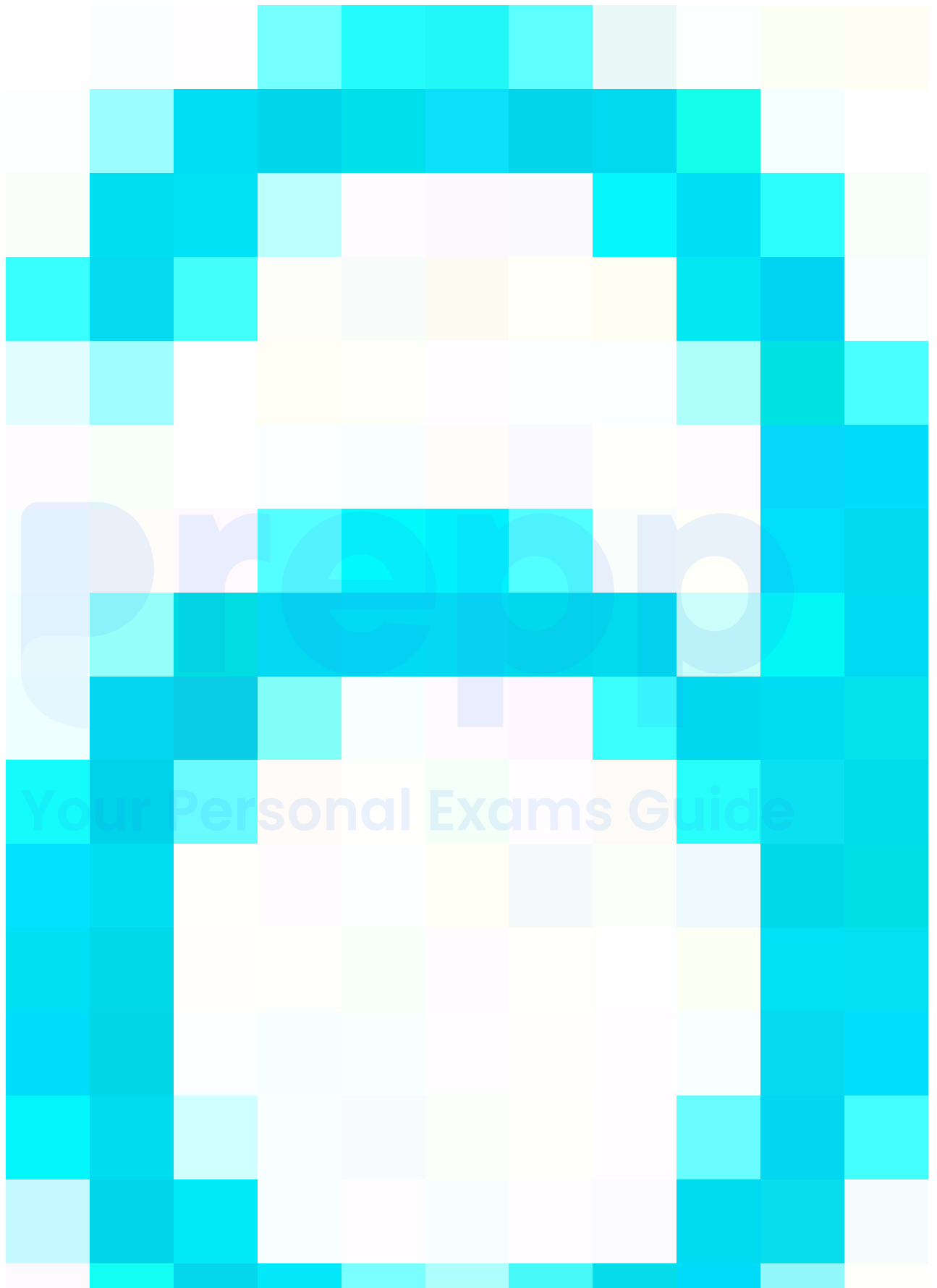
- The line PQ is the mirror.
- The given letters and numbers "CQ6RUL" has Q, 6, R and L, so the mirror image should be "

Prepp

Your Personal Exams Guide



Your Personal Exams Guide



Your Personal Exams Guide



"and "

# prepp

Your Personal Exams Guide



" ⇒ Option 1 is eliminated.

- The given numbers " CQ6RUL " has fourth letter R, so the mirror image should be "

prepp

Your Personal Exams Guide



" ⇒ Option 2 is eliminated.

- The given numbers " CQ6RUL " has third number "7" so the mirror image should be "





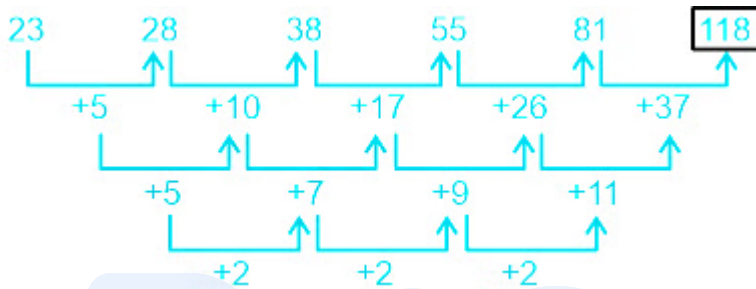
" ⇒ Option 4 is eliminated.

Hence, ' option 4 ' is the correct answer.

22. Answer: b

Explanation:

The logic followed here is:

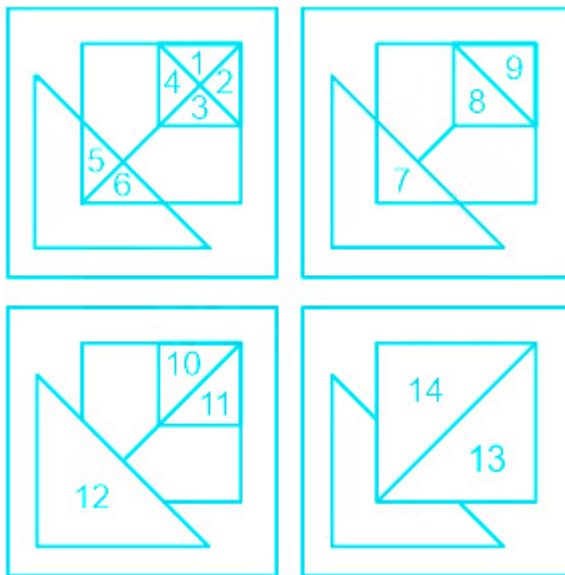


Hence, ' 118 ' is the correct answer.

23. Answer: c

Explanation:

The number of triangles in the figure is shown below:



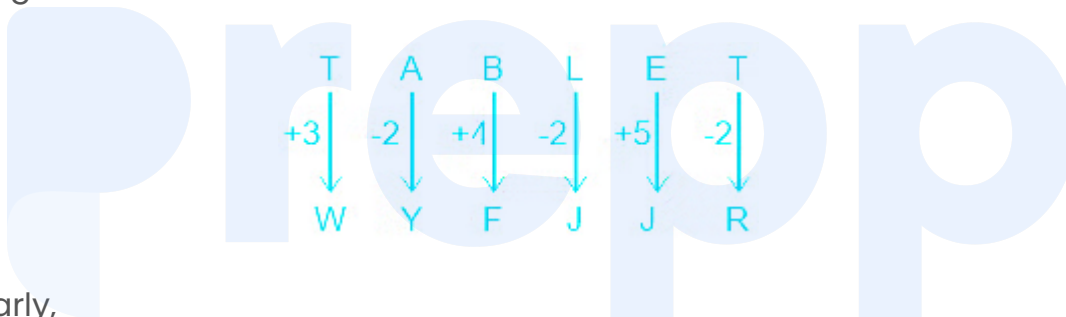
Hence, '14' is the correct answer.

**24. Answer: b**

**Explanation:**

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

The logic followed here is:



Similarly,



Hence, 'LLWCWR' is the correct answer.

**25. 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:

$$\begin{array}{cccc}
 \text{B} & \text{U} & \text{L} & \text{K} \\
 \downarrow & \downarrow & \downarrow & \downarrow \\
 2 & 21 & 12 & 11 \\
 \times 2 & \times 1 & \times 2 & \times 1 \\
 \hline
 4 & 21 & 24 & 11
 \end{array}$$

Similarly,

$$\begin{array}{cccc}
 \text{I} & \text{N} & \text{C} & \text{H} \\
 \downarrow & \downarrow & \downarrow & \downarrow \\
 9 & 14 & 3 & 8 \\
 \times 2 & \times 1 & \times 2 & \times 1 \\
 \hline
 18 & 14 & 6 & 8
 \end{array}$$

Hence, '181468' is the correct answer.

26. Answer: c

Explanation:

The correct answer is Audiovisual.

★ Key Points

- The **World Day for Audiovisual** Heritage was held on the 27 th October 2020 with the theme, 'Your Window to the World'.

- It raises global awareness of issues on preserving audiovisual material, such as sound recordings and moving images.
- The theme for the year 2020 is Your Window To The World.
- The 33rd session of UNESCO's General Conference adopted a resolution to proclaim 27 October as World Day for Audiovisual Heritage.

★ Additional Information

Date	Days
15 th January	National Army Day.
28 th February	National Science Day.
8 th March	International Women's Day.
22 nd April	Earth Day.
1 st May	Labour Day.
24 th April	Panchayati Raj Day.
5 th June	World Environment Day.
11 th July	World Population Day.
29 th August	National Sports Day (Birth Anniversary of Major Dyanchand).
15 th September	International Day of Democracy.
8 th October	Indian Airforce Day.
16 th November	International Day for Tolerance.
4 th December	Navy day.

27. Answer: c

Explanation:

The correct answer is Bauxite.

★ Key Points

- Non-metallic mineral reserves consist of quarries of stone and clay and sand pits; mineral deposits with chemical and fertilizer; salt deposits; quartz deposits, gypsum, Lime stone, Mica, natural gemstones, asphalt and bitumen, peat, and other non-metallic minerals other than coal and oil
- Hence Bauxite does NOT fall in the category of non-metallic minerals.

★ Additional Information

- Metallic minerals, as the name suggests, are minerals containing one or more metals.
- These usually occur as mineral deposits and are great heat and electricity conductors, such as **iron, copper, silver, bauxite, Lead, manganese, etc**
  - Lead is a chemical element with the symbol Pb.
  - It is a heavy metal.

---

28. Answer: c

**Explanation:**

The correct answer is Chennai.

★ Key Points

- Chennai is the headquarters of Equitas Small Finance Bank.
- Equitas Small Finance Bank has been empanelled as the banking partner of the state government of Maharashtra with an aim to offer its services to employees of the State Government in December 2021.
- Equitas Small Finance Bank Ltd:
  - **Founded in:** 2016.
  - **Headquarters:** Chennai, Tamil Nadu.
  - MD & CEO: Vasudevan Pathangi Narasimhan.
  - Tagline: It's Fun Banking.

- In September 2021, Equitas Bank has appointed **Rani Rampal & Smriti Mandhana** as its brand ambassadors.
- Equitas Small Finance Bank and Equitas Holdings Ltd have been given RBI's no-objection to their proposal of amalgamation, subject to conditions.
- According to RBI conditions laid down for SFBS in June 2016.
- Equity shares of SFBS should be listed on recognised stock exchange(s) within three years from the date the net worth of SFB reaches Rs 500 crore.

29. Answer: b

**Explanation:**

The correct answer is 2 years.

★ Key Points

- As per the Motor Vehicles (Amendment) Act 2019, driving under the influence of alcohol is punishable with imprisonment up to **2 years and/or fine of ₹15,000 for second offence**.
- The Motor Vehicles (Amendment) Act 2019 has increased the penalty for not wearing a seat belt in India.
- The new penalty is ₹1000 as against ₹100 before.
- The Motor Vehicles (Amendment) Bill, 2019 was introduced in Lok Sabha on July 15, 2019, by the Minister for Road Transport and Highways.
- The Act provides for the grant of licenses and permits related to motor vehicles, standards for motor vehicles, and penalties for violation of these provisions.

★ Additional Information

- The main subjects of the Motor Vehicles (Amendment) Bill, 2019 are :
  - Compensation for road accident victims .
  - Compulsory insurance cover all road users in India
  - The Bill defines a good samaritan as a person who renders emergency medical or non-medical assistance to a victim during a road accident.

- National Transportation Policy for establishing a planning framework for road transport.
- Establishment of National Road Safety Board .
- The Bill increases penalties for several offences under the Act.
- The Bill defines aggregators as digital intermediaries or market places which can be used by passengers to connect with a driver for transportation purposes

30. Answer: c

**Explanation:**

The correct answer is Concave mirror.

★ Key Points

- Concave mirror is used as a reflector in search lights.
- Concave mirror : The mirrors curved inside on the reflecting side are called concave mirrors.
  - These mirrors produce real as well as virtual images, inverted and erect, and magnified as well as the diminished image of the object.
  - These are used in:
    - reflecting telescope,
    - shaving mirrors,
    - ophthalmoscopes
    - reflector for the headlight of a vehicle and
    - searchlights.

★ Additional Information

- Convex mirror : It is an outward curved mirror that produces a diminished image .
  - Convex mirrors either diverge a parallel beam of light into all directions or gather light from all directions and produce a parallel beam out of it.
  - Convex mirrors are used as rear view mirrors in vehicles, sunglasses, magnifying glasses.



- Convex mirrors are those which have the bulging side facing the light.
- **Concave lenses** are most commonly used to correct myopia which is also called near-sightedness.
- A **plane mirror** has several different uses and applications, including periscope and kaleidoscope, automobiles, shaving mirrors, dentists' mirror, torch lights, solar cookers, and security-related purposes.

31. Answer: a

**Explanation:**

The correct answer is Two-third.

★ Key Points

- As per the Economic Survey of India 2019-20, **Two-third contribution of the service sector** to the total FDI inflows into India.
- India has attracted the highest ever total FDI inflow of 81.72 billion during the financial year 2020 – 21 and it is 10 74.39 billion).
- In terms of top investor countries, 'Singapore' is at the top with 29% , followed by the U.S.A (23%) and Mauritius (9%) for the F.Y. 2020-21.
- Foreign direct investments (FDI) into the country grew 19% to \$59.64 billion during 2020-21 on account of measures taken by the government on the fronts of policy reforms, investment facilitation and ease of doing business.
- The computer software and hardware sector attracted the highest inflows with around 44% share of the total FDI equity inflows.

★ Additional Information

- The economic survey is an annual report card of the economy.
- It represents a day before the budget examines the performance of each and every sector and then suggests future moves.
- The economic survey was de-linked from the Budget in 1964.
- And unveiled in advance in order to provide a context of the latter.
- Last year the theme was Saving Lives and Livelihoods .
- The central theme of Economic Survey 2021-22 is the "Agile Approach".

- Another theme highlighted in this Economic Survey relates to the art and science of policy-making under conditions of extreme uncertainty.
- 

### 32. Answer: d

#### Explanation:

The correct answer is Murshid Quli Khan.

#### ★ Key Points

- Bengal gradually broke away from Mughal control under **Murshid Quli Khan**.
- Murshid Quli Khan declared himself the Nawab of Bengal.
- He shifted his capital from Dhaka to Murshidabad.
- Murshid Quli Khan , also known as Mohammad Hadi and born as Surya Narayan Mishra, was the first Nawab of Bengal , serving from 1717 to 1727.

#### ★ Additional Information

- **Mukarram Khān Chishtī** was the Subahdar of Bengal during the reign of Mughal emperor Jahangir from 1626 to 1627.
  - Alivardi Khan was the Nawab of Bengal from 1740 to 1756.
    - He toppled the Nasiri dynasty of Nawabs and assumed power himself .
    - He is also known for his victory during the Battle of Burdwan against the Maratha Empire during the Maratha invasions of Bengal.
- 

### 33. Answer: d

#### Explanation:

The correct answer is Great Himalaya.

#### ★ Key Points

- The northern most range of the Himalayan mountain is known as Great Himalaya.
- It is also called Himadri.
- Himadri is the backbone of the Himalaya.
- It is the most continuous range consisting of the loftiest peaks with an average height of 6,000 metres.
- It contains all the prominent Himalayan peaks like Mount Everest, Annapoorna, Nandadevi, etc.

### ★ Important Points

- Himalaya is the youngest fold mountain range in the world.
- The word Himalaya means "**the abode of snow**".
- The Himalaya is mostly formed of sedimentary rocks.
- **The Himalayas consist of three main parallel ranges** , namely:
  - The greater Himalayas.
  - The lesser Himalayas.
  - The outer Himalayas.

### ★ Additional Information

- **The Lesser Himalayas:**
  - It is the mountain range that lies between Himadri and Siwalik.
  - It is also called Himachal.
  - It is mainly composed of highly compressed and altered rocks.
  - The altitude varies between 3,700 and 4,500 metres and the average width is 50 Km.
  - Pir Panjal is the largest range in Himachal.
  - This region is well known for its hill stations.
- **The Shiwalik(Outer Himalayas):**
  - The outermost range of the Himalayas is called the Shiwalik(Outer Himalayas.)
  - It extends over a width of 10-50 Km and has an altitude varying between 900 and 1100 metres.
  - The word Shiwalik literally means "tresses of Shiva".
  - Shiwalik is parallel to the Ganga plain.

34. Answer: c

**Explanation:**

The correct answer is G Sankara Kurup.

★ Key Points

- G. Sankara Kurup was the first Indian to get Jnanpith Award in 1965 for Malayalam Literature.
- Jnanpith Award was instituted in the year 1961.
- The Jnanpith award is the highest literary honour.
- Malayali poet Akkitham has won the 2019 Jnanpith award.

★ Additional Information

- Jnanpith Award is the oldest and the highest Indian literary award presented annually by the Bharatiya Jnanpith organization.
- It was instituted in 1961 and is awarded to an author for his/her outstanding contribution to literature.
- The award is bestowed only on Indian writers writing in Indian languages included in the Eighth Schedule of the Constitution of India and English.
- The winner is given a cash prize of Rs.13 lakh and a bronze replica of Goddess Saraswati, the Hindu goddess of learning.

---

35. Answer: d

**Explanation:**

The correct answer is hydrogen.

★ Key Points

- Acidic and basic solutions in water conduct electricity because they produce hydrogen and hydroxide ion, respectively.

- Acids and Bases exhibit their conducting property only if they are in aqueous solution in which they could completely ionize in water.
- As per Arrhenius' concept, acids are those that produce the hydrogen ion ( $H^+$ ) when dissolved in water.
- Bases produce **the hydroxide ion**( $OH^-$ ) when dissolved in water.
- These ions, when in water, act as charge carriers and can hence conduct electricity.
- The pH level is a measure of the number of Hydrogen ions in a solution.
- **The lower the solution or compound on the pH scale** , the higher will be the concentration of hydrogen ions.

36. Answer: c

Explanation:

The correct answer is Sabarmati.

★ Key Points

- **Mahatma Gandhi started the Salt March on 12 March 1930 from Sabarmati.**
- The Salt March, also known as Dandi March was an act of nonviolent civil disobedience led by Mahatma Gandhi against the salt tax by the British government in India.
- The march began on 12 March 1930 from Sabarmati Ashram and lasted on 6 April 1930 at Dandi.
- **Dandi March or Salt Satyagraha** was started by Mahatma Gandhi in Sabarmati launched on March 12, 1930, and it lasted till April 5, 1930, in Dandi (Navsari).
- It was a part of Non-violent Civil Disobedience.
- It was against the tax collected by the British Raj on salt and Gandhi opposed this by producing salt through evaporation.
- This significantly influenced American activist's Martin Luther King, James Bevel, and others.
- It is also known as the White Flowing River as all people took part in the march by wearing White Khadi.
- Gandhi called it "**Poor Man's Struggle**".

- Due to this, mass civil disobedience was observed and Indians boycotted British clothes and goods.
- **International Walk for Justice and Freedom – Mahatma Gandhi Foundation re-framed and cast the Salt March in 2005 on the 75th anniversary of Dandi March.**
- **National Salt Satyagraha Memorial – Dandi (inaugurated Jan 30, 2019).**

★ Additional Information

- **The Champaran Satyagraha** of 1917 was the first Satyagraha movement led by Gandhi in India.
  - It was against the imposed indigo cultivation by the British power.
- **Sevagram** is located near Wardha in Maharashtra.
  - Mahatma Gandhi established his ashram at Sevagram in 1936.
  - The ashram employed some Harijans in the common kitchen to break the caste barrier.
- **Santiniketan** was originally an ashram built by Debendranath Tagore.
  - Debendranath was the father of the Poet, Rabindranath and was also known as Maharshi.
  - Santiniketan was expanded by Rabindranath Tagore and it became a university town after Visva Bharati was established.
  - Rabindranath Tagore wrote many of his literary classics at Santiniketan.

Your Personal Exams Guide

37. **Answer: c**

**Explanation:**

The correct answer is Khushi Chindaliya.

★ Key Points

- **Khushi Chindaliya has been appointed as Regional Ambassador for India by United Nations Environment Programme in September 2020.**
- **A 17-year-old girl from Surat has been appointed as Regional Ambassador for India by the United Nations Environment Programme – Tunza Eco-Generation.**

- Khushi Chindaliya will spread awareness about the safeguard of environmental treasures and discuss India's contribution to environmental conservation.
- She will also discuss the subject with other ambassadors around the world.
- She intends to raise awareness about climate change, the necessity of environmental protection, and the need to protect natural resources.
- Until February 2021, she will collaborate with the United Nations Environment Programme (UNEP)- Tunza Eco-Generation on several environmental awareness programmes.
- **Khushi is one of 100 young Indians whose articles were selected by UNESCO for publication in a book titled "Year 1 AC (After Coronavirus): Essays by 100 Young Indians."**
- In 2019, she was inducted as a member and worldwide ambassador of the National Society of High School Scholars, an international organisation administered by Sir Alfred Nobel's descendants.

### ★ Important Points

- The United Nations Environment Programme (UNEP) is in charge of organising the UN system's response to environmental challenges.
- After the United Nations Conference on the Human Environment in Stockholm in June 1972, it was founded by Maurice Strong, its first director.
- The Headquarters of the United Nations Environment Programme is located in Nairobi, Kenya.

### ★ Additional Information

- **Dia Mirza:**
  - She was appointed brand ambassador for the Wildlife Trust of India on World Environment Day 2017.
- **Nethra Kumanan:**
  - She has become the first Indian woman sailor to qualify for the Olympics after she was assured of a top-place finish in the laser radial event of the Asian Qualifiers in Oman.
  - She has a 21-point advantage over her nearest rival Ramya Saravanan – in the Laser Radial Class event.



- In sailing, the athlete who has the least points wins the competition.
- **Smriti Mandhana:**
  - She won ICC's woman cricketer of the Year and women's ODI player of the Year in 2018.
  - Mandhana, who scored four centuries in 51 one-day international matches.
  - Mandhana scored 2025 ODI runs with an average of 43.1 and played 75 T20 internationals and 2 test matches since her debut in 2013.
  - She received Arjuna Award in 2019. Smriti Mandhana becomes the brand ambassador of Equitas Small Finance Bank.

38. Answer: a

Explanation:

The correct answer is Vijender Singh.

★ Key Points

- **Vijender Singh was the first Indian boxer to receive a medal at the Olympic games.**
- **Vijender Singh:**
  - He is associated with the sport of Boxing.
  - Vijender Singh Beniwal, better known as Vijender Singh is an Indian professional boxer and the current WBO Asia Pacific Super Middleweight Champion and WBO Oriental Super Middleweight Champion from Kaluwas, Bhiwani district in Haryana.
  - **He is the first Indian boxer to have ever won a medal at the Olympics.**
  - He also medals in Commonwealth Games and Afro-Asian Games.
  - He was born on 29 October 1985 in Jat family Kaluwas village in Bhiwani District in Haryana state. He won Bronze medals in the 2008 Beijing (China) Olympics.
  - He trained National Level Boxer under Jagdish Singh at the Bhiwani Boxing Club.
  - In January 2010, he conferred with Padma Shri.



- In 2009, he awarded India's Highest Sporting Honor Rajiv Khel Ratna with another Boxer Mary Kom and Sushil Kumar.
- Some of the achievements during his professional career are 2009 world championship Bronze medal, 2006 Commonwealth Silver medals, 2010 Asian Games Gold medals, etc.

★ **Additional Information**

- **Laishram Sarita Devi:**
  - Laishram Sarita Devi of Manipur is among the six boxers from 5 continents who were elected as members of AIBA athlete Commission.
  - She is DSP in Manipur Police.
  - The election of the Athletes Commission members was organized during AIBA Men and Women World Boxing Championship 2019 in Russia.
- **Akhil Kumar:**
  - He is an Indian boxer who has won several international and national boxing awards.
  - He practices an "open guarded" boxing style.
  - In 2005, the Indian government gave him the Arjuna Award for his achievements in international boxing.
- **Mary Kom:**
  - She is an Indian boxer from the northeast state of Manipur.
  - She is also known as MC Mary Kom or Magnificent Mary.
  - Mary Kom is famed as a five-time World Boxing Champion and the only boxer to win a medal in every one of the six world championships.
  - In the 2012 Olympics, she became the first Indian women boxer to qualify and win a bronze medal in the 51 kg flyweight category of Boxing.
  - She is currently ranked as Number 4 in the Flyweight category of AIBA World Women's Ranking.

---

39. **Answer: b**

**Explanation:**

The correct answer is Hoshang Shah.

### ★ Key Points

- **Hoshang Shah** built Mandu as his capital.
- He was the first independent ruler of the Ghori Dynasty.
- He was the second sultan of Malwa, a dynasty that ruled Mandu between 1401 and 1531.
- He was also known as Alp Khan before he took the title of Hoshang Shah.
- He was the son of Dilawar Khan Ghori, who was a court member of Delhi Sultan Firoz Shah Tughlaq.
- They renamed the fort "Shadiabad" (city of joy) and built palaces, mosques, and tombs amid the gardens, lakes, and woodland within its walls.

### ★ Additional Information

- **Dilawar Khan Ghori** was governor of the Malwa province of central India and later Sultan of the Malwa Sultanate during the decline of the Delhi Sultanate.
- **Mir Jafar** was a successor of Siraj ud-Daulah to whom he served as a Commander and betrayed him in the Battle of Plassey.

---

40. Answer: b

### Explanation:

The correct answer is first.

### ★ Key Points

- **The Andhra State Act (1953)** formed the first linguistic state of India.
- The Andhra State Act (1953) formed the first linguistic state of India, known as the state of Andhra, by taking out the Telugu-speaking areas from the State of Madras (now Tamil Nadu).
- **The States Reorganisation Act (1956)** merged the Telugu-speaking areas of Hyderabad state with the Andhra state to create the enlarged Andhra Pradesh state.
- The Andhra Pradesh Reorganisation Act (2014) bifurcated Andhra Pradesh into two separate states, namely, the Andhra Pradesh (residuary) and Telangana.

★ Additional Information

- **Four icons of Telangana are:**
  - State Bird - Palapitta (Indian Roller or Blue Jay).
  - State Animal - Jinka (Deer).
  - State Tree - Jammi Chettu (Prosopis Cineraria).
  - State Flower - Tangedu (Tanner's Cassia).

41. **Answer: a**

**Explanation:**

The correct answer is Rakhi Halder.

★ Key Points

- Rakhi Halder is related to weightlifting .
- She claimed gold in the 64 kg category of the 35th edition of the **Senior Women's National Weightlifting Championships at Khudiram Anushilan Kendra in Kolkata**.
- She created two new National records by clinching a Bronze medal in the women's 64kg category at the Qatar International Cup in Doha.
- The Commonwealth Championship gold medallist superseded the senior national record in both snatch and total lift with her personal best effort of .218kg, 95kg, in the snatch with 123kg in clean.

★ Additional Information

- **K. Roshilata Devi** of Manipur in action in the 64Kg U-21 Weightlifting event at Khelo India Youth Games 2019.
- **Veerjeet Kaur**, who originally hails from Rori village in Sirsa district in Haryana, becomes U-21 champion in the 49 Kg girls' at Khelo India Youth Games.
- **Harjinder Kaur** is an Indian weightlifter.
  - She won the bronze medal at the 2022 Commonwealth Games.
  - She also won the silver medal in 2021 Commonwealth Youth Games in 71 kg weight category.

## 42. Answer: a

### Explanation:

The correct answer is Christian.

#### ★ Key Points

- James Mill, in his book, 'The History of British India' had divided Indian History into three periods that do NOT include Christianity.
- James Mill was born in 1773.
- His greatest literary work was "The History of British India" and it was published in the year 1817.
- James Mill divided Indian history into three periods namely **Hindu, Muslim and British history**.
- He wrote in the book that there was religious intolerance, caste discrimination, and superstitious practices in Indian society.
- The book is based on the company (i.e. East India Company) rule in India.
- The history of British India in 3 volumes was written by James mill, who is a **Scottish historian, economist, political theorist, and philosopher**.

#### ★ Additional Information

- Important Books:
- **India's Struggle for Independence**
  - **Author: Bipan Chandra**
  - The book is a detailed overview of the Independence movement of India. The book covers the struggle from the first revolution for independence which began with Mangal Pandey to the non-cooperation movement by Mahatma Gandhi and the civil disobedience movements.
- **India Wins Freedom**
  - **Author: Abul Kalam Azad**
  - This book is an autobiographical account from one of the architects of modern India, Maulana Abul Kalam Azad. It depicts the views of Maulana Azad on the events that ultimately led to the partition of India.

- **Without Fear**
  - **Author: Kuldip Nayar**
  - The book takes a closer look to the freedom fighter Bhagat Singh. The book explores both his sides, as a passionate freedom fighter and as an intellectual inspired by the Karl Marx and Lenin's writings.
- **An Era of Darkness: The British Empire in India**
- **Author: Shashi Tharoor**
  - Author reveals how colonizers exploited India and how disastrous British Rule was for India, with impeccable research and acuity. He also demolishes the arguments of Western and Indian apologists for Empire on the benefits and British rule; including democracy and freedom.
- **Subhash Chandra Bose**
- **Author: Hugh Toye**
  - Hugh Toye was a British Army intelligence officer and he worked in India and Burma during World War. The book details the personality of Subhash Chandra Bose and also offers important insights into Europe-Asia relations and nationalism.

---

43. **Answer: a**

**Explanation:**

The correct answer is **Indus**.

★ **Key Points**

- Indus river flows between the **Zaskar (Zaskar) and Ladakh ranges**.
- Indus river originates from the Kailash range.
- The Indus River originates near the Mansarovar Lake in the Tibetan plateau, on the northern slopes of the Kailash Mountain Range.
- Mt. Kailash is the tallest summit of the Kailash range.
- Mount Kailash located in the Himalayan range far west of Tibet.
- Major tributaries of the Indus river are Beas, Chenab, Jhelum, Ravi, Sutlej.

- All the above tributaries meet the Indus river in Pakistan at Maithankot and the meeting place is called Panchnad.
- The Indus River, along with the Chenab, Jhelum, Sutlej, Ravi, Beas, and two tributaries from Afghanistan and Khyber Pakhtunkhwa, forms Pakistan's Sapta Sindhu (Seven Rivers) delta.
- The Indus River is 3180 kilometers long .
- The Indus River empties into the Arabian Sea.

### ★ Additional Information

River Ganga :

- The River Ganga originates from the Gangotri glacier in Uttarakhand.
- Alaknanda River joins Bhagirathi at Devprayag and from there the river is called Ganga.
- Yamuna(Largest right bank tributary of Ganga), Damodar (Sorrow of Bengal), Ghagra, Gomti, Gandak, Ramganga, Kosi (Sorrow of Bihar), Son, Mahananda are major tributaries of River Ganga.
- It flows through the states of Uttarakhand, Uttar Pradesh, Bihar, Jharkhand , and West Bengal.
- It is a transboundary river, flows through India and Bangladesh.
- The total length of the river is 2600 km.

**Yamuna:**

- The longest tributary of the Ganges and it joins the Ganges at Prayag (Allahabad).
- It originated from the Yamunotri glacier(Banderpunch range).

**Brahmaputra:**

- The Brahmaputra river originates from the Mansarovar Lake Region near Mount Kailash and flows through China, India, and Bangladesh and drain in the Bay of Bengal in Bangladesh.
- The world's largest river island lies in the Brahmaputra river named "Majuli" as recorded in the Guinness Book of World Records and it is the first river Island in India.

#### 44. Answer: a

##### Explanation:

The correct answer is Mohammed Quli Qutub Shah.

##### ★ Key Points

- The Charminar is located in Hyderabad, Telangana, India .
  - It was constructed in 1591 by Muhammad Quli Qutb Shah .
  - It is a monument and mosque. Muhammad Quli Qutb Shah built it in 1591 **after** shifting his capital from Golkonda to the city of Hyderabad.
  - It has become a symbol of Hyderabad.
  - It is listed as an archaeological and architectural treasure on the official "List of Monuments" prepared by the Archaeological Survey of India.
  - It has **been** officially incorporated as the Emblem of Telangana for the state of Telangana .

##### ★ Additional Information

- Hyderabad is the capital city of the Indian state of Telangana and the de jure capital of Andhra Pradesh.
- According to the 2011 Census of India, Hyderabad is the fourth-most populous city in India.
- Hyderabad was integrated into the Indian Union in 1948 and continued as the capital of Hyderabad State (1948–56).
- In 2014, Andhra Pradesh was bifurcated to form Telangana and Hyderabad became the joint capital of the two states with a transitional arrangement scheduled to end in 2024.

---

#### 45. Answer: d

##### Explanation:



The correct answer is Australia and Japan.

★ Key Points

- **Australia and Japan signed a landmark 'Reciprocal Access Agreement' ('RAA')** on 17 November 2020 in an attempt to counter China's growing influence in the South China and Indo Pacific region.
  - The defense agreement has taken six years of negotiations.
  - This will bring the countries closer amidst militarization in the South China sea and a series of disputes over islands in the East China sea.
  - This is the first agreement of Japan to allow foreign military presence in its sovereign territory since 1960.
  - It signed the Status of Forces Agreement with the US in 1960 and with Djibouti in 2009.

★ Additional Information

- Reciprocal Access Agreement (RAA) comes week after foreign ministers of the Quad alliance, which includes the US and India, met in Tokyo.
- The pact allows Japanese and Australian troops to visit each other's countries and conduct training and joint operations.
- Australian Prime Minister said that the treaty will strengthen their security ties and facilitate cooperation between defence forces.
- The two sides also agreed on the need for a framework to allow the Japanese military to protect Australian forces if needed.
- **Current prime minister of Australia is Anthony Albanese. (2022)**

---

46. **Answer: a**

**Explanation:**

The correct answer is 1958.

★ Key Points

- In the year 1958 the Kandahar Edicts of Ashoka were discovered.



- **Kandahar bilingual inscription:**

- The Kandahar bilingual inscription is a famous bilingual inscription in Greek and Aramaic.
- Declared and carved around 260 BC by Ashoka, the ruler of the Indian Maurya Empire.
- This is the earliest known inscription of Ashoka, written in the 10th year of his reign.
- This first inscription was written exclusively in Classical Greek and Aramaic.
- It was discovered in 1958, during some excavation work under a 1-meter high layer of rubble, and is known as KAI 279.
- It is sometimes considered one of Ashoka's many "Minor Rock Edicts", in contrast to his "Major Rock Edicts", which consist of portions or totality of his Edicts from 1 to 14.
- Two inscriptions have been found in Afghanistan with Greek inscriptions, one of which is a bilingual inscription in Greek and Aramaic, the other being a Kandahar Greek inscription only in Greek.

---

47. Answer: d

**Explanation:**

The correct answer is **Rs. 100 crore**.

★ **Key Points**

- As per Budget 2020-2021 to ease the eligibility of non-banking finance companies (NBFCs) to recover loans from truant borrowers under the **Sarfaesi Act 2002** has been reduced to an asset size of **Rs.100 crore**.
- SARFAESI Act, 2002 (The Securitisation and Reconstruction of Financial Assets and Enforcement of Security Interest Act ) empowers financial institutions to take possession of collateralised assets, manage assets, sell, or lease a part, or all of the business of the borrower
- In short SARFAESI Act helps bank or financial institutions to recover bad loans (The loans which becomes non performing assets and cease to generate

income for the bank).

- The Act is applicable to cases where security interest for securing repayment of any financial asset is more than Rs.1 lakh .

★ Additional Information

- SARFAESI Act, 2002 was passed in the parliament after the **recommendations** of the Narsimham **Committee**– I.
  - Non Performing Assets is a credit facility (i.e. term loan, cash credit, and overdraft, bills purchased and discounted and other loans) where no payment is received even after 90 days, either towards principal or interest.
- 

48. Answer: d

**Explanation:**

The correct answer is Ravi Kumar Dahiya.

★ Key Points

- **Mirabai Chanu and Ravi Kumar Dahiya** won silver medals at the (2020) Olympic Games held in Tokyo in 2021.

Tokyo Olympics 2021 India Medal List -

Sr.No.	Game	Athlete	Medal
1.	Javelin throw	Neeraj Chopra	Gold
2.	Wrestling (57 KG)	Ravi Kumar Dahiya	Silver
3.	Weight Lifting (49 Kg Women)	Mirabai Chanu	Silver
4.	Women's Singles Badminton	PV Sindhu	Bronze
5.	Women's Welterweight Boxing	Lovlina Borgohain	Bronze
6.	Hockey	Indian Hockey Team	Bronze
7.	Wrestling (65 Kg)	Bajarang Punia	Bronze

### ★ Additional Information

- Mirabai Chanu -
  - Mirabai Chanu gave India a perfect start at the Tokyo Olympics by winning the country's first weightlifting silver in the 49kg category.
  - Mirabai Chanu created history for India on July 26th 2021 as she became the first weightlifter to win silver in the 49-kg weightlifting category at the Tokyo Olympics.
  - Chanu lifted a total of 202kg (87kg+115kg) to better Karnam Malleswari's bronze in the 2000 Sydney Olympics .
- Ravi Kumar Dahiya -
  - Ravi Kumar became the second Indian wrestler to clinch an Olympic silver after losing his 57kg final to Russian two-time defending world champion Zaur Uguev .
  - This is India's second silver and fifth medal overall at the Tokyo Olympics.
  - Ravi is the fourth Indian male wrestler , and fifth overall, to win a medal at the Olympics.
  - His medal also marks the fourth consecutive medal for India at the Olympics in wrestling.
  - Ravi Kumar joined the legendary Sushil Kumar to become only the second Indian wrestler to win an Olympic silver.

49. Answer: c

**Explanation:**

The correct answer is Human immunodeficiency virus.

★ Key Points

- The full form of HIV is Human Immunodeficiency Virus.
- The human immunodeficiency viruses are two species of Lentivirus that infect humans.
- Over time, they cause acquired immunodeficiency syndrome, a condition in which progressive failure of the immune system allows life-threatening opportunistic infections and cancers to thrive.
- HIV (human immunodeficiency virus) is a virus that attacks the immune system, the body's natural defence system.
- Without a strong immune system, the body has trouble fighting off disease.
- Both the virus and the infection it causes are called HIV.
- White blood cells are an important part of the immune system.

★ Additional Information

- AIDS (acquired immunodeficiency syndrome) is caused by the Human Immunodeficiency Virus (HIV).
- It is important to note that HIV/AIDS is not spread by mere touch or physical contact; it spreads only through body fluids. It is transmitted through -
  - Sexual contact with an infected person
  - Transfusion of contaminated blood and blood product
  - Sharing of infected needles
  - Multiple sexual partners
  - Infected mother to child

50. Answer: c

## Explanation:

The correct answer is global stability, shared security, and innovative growth.

### ★ Key Points

- The theme of the 12 th BRICS Summit hosted by Russia in 2020 was **global stability, shared security, and innovative growth .**
- The 12th BRICS Summit will be held on **17th November 2020 via video conference .**
- The theme of the Meeting of the Leaders of BRICS countries which includes **Brazil, Russia, India, China, and South Africa** is "BRICS Partnership for Global Stability, Shared Security and Innovative Growth".
- The Summit this year is being held under the Chairmanship of Russia and aims at multifaceted cooperation between the member countries.

### ★ Additional Information

- India had outlined four priority areas for its Chairship.
- These are Reform of the **Multilateral System, Counter Terrorism, Using Digital and Technological Tools for achieving SDGs, and Enhancing People to People exchanges.**
- The Indian Chairship of BRICS in 2021 coincides with the **fifteenth anniversary of BRICS.**
- **BRICS:**
  - BRICS is an acronym for the informal grouping of 5 emerging economies, Brazil, Russia, India, China, and South Africa.
  - The grouping was formed in **2009**, and since then BRICS nations have met annually at formal summits.
  - **South Africa was added to the group in 2010.**
  - The primary purpose is to enhance economic and political cooperation among BRICS nations.
  - **The 13th BRICS summit will be hosted by India in 2021.**
  - India hosted two summits **4th (2012) and 8th (2016).**
  - India will host the **13th BRICS Summit in 2021.**

51. Answer: b

Explanation:

Calculation:

$$\text{SP of the watch for Kavita} = 0.88 \times \text{Rs } 2500 = \text{Rs } 2200$$

$$\text{SP for the fan for Kavita} = 1.15 \times \text{Rs } 2200 = \text{Rs } 2530$$

$$\text{Profit} = \text{Rs } 2530 - \text{Rs } 2500 = \text{Rs } 30$$

$$\text{Profit \%} = \frac{30}{2500} \times 100 = 1.2\%$$

The total gain percent is 1.2%.

52. Answer: a

Explanation:

Formula:

$$\text{LCM} \times \text{HCF} = \text{One number} \times \text{Other number}$$

$$(a + b)^2 = a^2 + b^2 + 2ab$$

$$(a - b)^2 = a^2 + b^2 - 2ab$$

Calculation:

$$\text{LCM} = 5 \times 28 = 140$$

Let the numbers be "a" and "b"

$$\Rightarrow 140 \times 5 = a \times b$$

$$\Rightarrow ab = 700 \text{ (Equation 1)}$$

According to the question-

$$\Rightarrow a - b = 15 \text{ (Equation 2)}$$

Squaring Equation 2, we get-

$$\Rightarrow 15^2 = a^2 + b^2 - 2 \times 700$$

$$\Rightarrow a^2 + b^2 = 1625$$

Substituting the value in  $(a + b)^2$ , we get-

$$\Rightarrow (a + b)^2 = 1625 + 2 \times 700$$

$$\Rightarrow (a + b)^2 = 3025$$

$$\therefore (a + b) = 55$$

The sum of the numbers is 55.

53. Answer: b

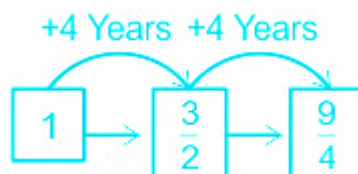
Explanation:

Concept:

Money compounds to equal values in an equal period of time at the same rate of interest.

Calculation:

According to the question, the amount becomes  $\frac{3}{2}$  times in 4 years.



Total time required = 4 + 4 = 8 years

∴ The total time required is 8 years.

---

**54. Answer: b**

**Explanation:**

Formula:

$$SI = \frac{P \times R \times T}{100}, \text{ where}$$

SI = Simple Interest

P = Principal

R = Rate

T = Time

Calculation:

Let the sum invested at 10% be "a"

⇒ Sum invested at 8% = Rs 9600 - a

$$\Rightarrow \text{SI for "a"} = \frac{a \times 10 \times 4}{100} = \frac{2a}{5}$$

$$\text{Similarly, SI for Rs (9600 - a)} = \frac{(9600 - a) \times 8 \times 4}{100}$$

According to the question-

$$\frac{(9600 - a) \times 8 \times 4}{100} + \frac{2a}{5} = \text{Rs } 3500$$

$$\Rightarrow \frac{307200 - 32a + 40a}{100} = \text{Rs } 3500$$

$$\Rightarrow 307,200 + 8a = 350,000$$

$$\Rightarrow 8a = 42,800$$

$$\therefore a = \text{Rs } 5350$$



∴ The amount invested at 10% is Rs 5350.

---

**55. Answer: b**

**Explanation:**

Formula:

$$D = S \times T$$

Effective upstream speed =  $x - y$

where "x" and "y" are the speed of the swimmer and river respectively.

D = Distance in km.

S = Speed in km/hr

T = Time in hours

Calculation:

$$\text{Effective upstream speed} = 12 - 2 = 10 \text{ km/hr}$$

$$\text{Time taken to swim 6 km upstream} = \frac{6}{10} \text{ hour}$$

$$\text{Time taken in minutes} = \frac{6}{10} \times 60 = 36 \text{ minutes.}$$

The total time taken is 36 minutes.

---

**56. Answer: c**

**Explanation:**

Formula:

$$\text{Sum} = \text{Average} \times \text{Total num}$$

Calculation:

$$\text{Sum of 3 numbers} = 110 \times 3 = 330$$

Let the first number be  $6x$

$$\Rightarrow \text{Second number} = 2x$$

$$\Rightarrow \text{Third number} = 3x$$

According to the question-

$$\Rightarrow 6x + 3x + 2x = 330$$

$$\Rightarrow 11x = 330$$

$$\therefore x = 30$$

$$\text{Smallest number} = 2x = 2 \times 30 = 60$$

$\therefore$  The smallest number is 60.

---

**57. Answer: d**

**Explanation:**

Calculation:

Let the first part be "a", second part be "b" and third part be "c".

According to the question-

$$\Rightarrow \frac{1}{2} \times a = \frac{1}{5} \times b = \frac{3}{8} \times c$$

$$\text{Let } \frac{1}{2} \times a = \frac{1}{5} \times b = \frac{3}{8} \times c = k$$

$$\Rightarrow a = 2k$$

$$\Rightarrow b = 5k$$

$$\Rightarrow c = \frac{8}{3} k$$

$$\Rightarrow 2k + 5k + \frac{8}{3} k = \text{Rs } 5800$$

$$\Rightarrow 29k = \text{Rs } 5800 \times 3$$

$$\Rightarrow k = \text{Rs } 600$$

Substituting the value of k in the equation of "c"-

$$\Rightarrow \frac{3}{8} \times c = \text{Rs } 600$$

$$\Rightarrow c = \text{Rs } 1600$$

The value of third part is Rs 1600.

**58. Answer: a**

**Explanation:**

Concept:

B = Bar/Bracket

O = Off

D = Division

M = Multiplication

A = Addition

S = Subtraction

Calculation:

$$\frac{6\frac{1}{2} + 2\frac{5}{7} \times \frac{14}{19} - \frac{1}{2} \div 2 \text{ of } \frac{1}{4}}{11 \times 12 \div 12 + 12}$$

$$\Rightarrow \frac{\frac{13}{2} + \frac{19}{7} \times \frac{14}{19} - \frac{1}{2} \div \frac{1}{2}}{11 \times 1 + 12}$$

... ..

$$\Rightarrow \frac{\frac{13}{2} + \frac{19}{7} \times \frac{14}{19} - 1}{11+12}$$

$$\Rightarrow \frac{\frac{13}{2} + 2 - 1}{23}$$

$$\Rightarrow \frac{\frac{17}{2} - 1}{23}$$

$$\Rightarrow \frac{\frac{17-2}{2}}{23}$$

$$\Rightarrow \frac{15}{2 \times 23}$$

$$\Rightarrow \frac{15}{46}$$

$\therefore$  The answer to the expression is  $\frac{15}{46}$ .

**59. Answer: c**

**Explanation:**

**Calculation:**

Part filled by Pipe A in 1 hour =  $\frac{1}{10}$

Part filled by Pipe B in 1 hour =  $\frac{1}{13\frac{1}{3}} = \frac{3}{40}$

$\Rightarrow$  Total part filled by A and B working together in 1 hour =  $\frac{1}{10} + \frac{3}{40} = \frac{7}{40}$

Let the Pipe empty  $\frac{1}{c}$  part in 1 hour.

When all opened together-

$$\Rightarrow \frac{7}{40} - \frac{1}{c} = \frac{1}{8}$$

$$\Rightarrow \frac{1}{c} = \frac{7}{40} - \frac{1}{8}$$

$$\Rightarrow \frac{1}{c} = \frac{7-5}{40}$$

$$\Rightarrow \frac{1}{c} = \frac{2}{40}$$

$\Rightarrow c = 20$  hours

Time required by the Pipe C alone to empty 25% of the tank =  $0.25 \times 20 = 5$  hours.

Pipe C would require 5 hours to empty the tank alone.

---

**60. Answer: a**

**Explanation:**

Calculation:

Selling price of 20% discount =  $0.8 \times \text{Rs } 250 = \text{Rs } 200$

Selling price of 10% discount =  $0.9 \times \text{Rs } 200 = \text{Rs } 180$

Total discount given =  $\text{Rs } 180 - \text{Rs } 164.70 = \text{Rs } 15.3$

Discount % =  $\frac{15.3}{180} \times 100 = 8.5\%$

$\therefore$  The value of x is 8.5%.

---

**61. Answer: b**

**Explanation:**

Formula:

$$\text{CSA} = \pi r l$$

$$l^2 = h^2 + r^2$$

where "r", "h", and "l" are the radius, height, and slant height

CSA = Curved Surface Area

Calculation:

Substituting the values, we get-

$$\Rightarrow 3185\pi = \pi \times 35 \times l$$

$$\Rightarrow l = 91 \text{ cm}$$

Substituting the value of r in the "l" equation-

$$\Rightarrow 91^2 = h^2 + 35^2$$

$$\Rightarrow h^2 = 91^2 - 35^2$$

$$\Rightarrow h = 84 \text{ cm.}$$

The height of the cone is 84 cm.

62. Answer: b

Explanation:

Formula:

$$SP - CP = P, \text{ where}$$

SP = Selling Price

CP = Cost Price

P = Profit

Calculations:

Let the cost price be Rs a.

$$SP \text{ for } 20\% \text{ profit} = 1.2 \times a = 1.2a$$

$$\text{New SP} = 1.2a - 150$$

$$\text{New CP} = a - 150$$

According to the question-

$$\Rightarrow 1.2a - 150 - (a - 150) = \frac{25}{100} \times (a - 150)$$

$$\Rightarrow 1.2a - 150 - a + 150 = 0.25a - 37.5$$

$$\Rightarrow 37.5 = 0.05a$$

$$\Rightarrow a = 750$$

$\therefore$  The cost of the fan is Rs 750.

**63. Answer: d**

**Explanation:**

**Formula:**

Mean proportional between a, b, and c

$$\Rightarrow b^2 = ac$$

**Calculation:**

According to the question-

$$\Rightarrow \frac{11+x}{18+x} = \frac{27+x}{42+x}$$

$$\Rightarrow (11 + x)(42 + x) = (18 + x)(27 + x)$$

$$\Rightarrow 462 + 11x + 42x + x^2 = 486 + 18x + 27x + x^2$$

$$\Rightarrow 53x - 45x = 486 - 462$$

$$\Rightarrow 8x = 24$$

$$\Rightarrow x = 3$$

The numbers for the mean proportion =  $(11 \times 3 + 3)$  and  $(9 \times 3 - 2)$

$\Rightarrow$  The numbers for the mean proportion = 36 and 25

Let the mean proportion be "m"

$$\Rightarrow m^2 = 36 \times 25$$

$$\Rightarrow m = 6 \times 5 = 30$$

The mean proportion for the numbers is 30.

**64. Answer: b**

**Explanation:**

Concept:

The cylinder is to be cast from the solid cube. Hence, the volume of the cube would be equal to the volume of the re-cast cylinder.

Formula:

$$\text{Volume of cylinder} = \pi \times r^2 \times h$$

$$\text{TSA of cube} = 6a^2$$

$$\text{Volume of cube} = a^3$$

where-

r = radius of cylinder

h = height of cylinder

a = side of the cube

Calculation:

According to the question-

$$\Rightarrow 6a^2 = 294$$

$$\Rightarrow a^2 = 49 \text{ or } a = 7 \text{ cm}$$



Volume of solid cube =  $7 \times 7 \times 7 = 343 \text{ cm}^3$

Since Volume of solid cube = Volume of cylinder

$$\Rightarrow 343 = \frac{22}{7} \times 7 \times 7 \times h$$

$$\Rightarrow h = \frac{49}{22} \text{ cm or } 2.22 \text{ cm}$$

$\therefore$  The height of the cylinder is 2.2 cm.

**65. Answer: b**

**Explanation:**

Calculation:

$$\text{Cost of one pencil} = \frac{1500}{35 \times 12} = \text{Rs } \frac{25}{7}$$

$$\text{Selling price after 40\% profit} = 1.4 \times \frac{25}{7} = \text{Rs } 5$$

$$\text{Total pencil to be sold at Rs } 125 = \frac{125}{5} = 25$$

The shopkeeper should sell 25 pencils for Rs 125.

Your Personal Exams Guide

**66. Answer: b**

**Explanation:**

Formula:

$$P = \frac{SI \times 100}{R \times T}$$

$$A = P \times \left(1 + \frac{R}{100}\right)T$$

$$CI = A - P$$

where-

P = Principal

SI = Simple Interest

R = Rate

T = Time

CI = Compound Interest

A = Amount

Calculation:

Using the SI formula, we get-

$$10,692 = \frac{29700 \times R \times 3}{100}$$

$$\Rightarrow R = \frac{10,692 \times 100}{29700 \times 3} = 12\%$$

Amount accrued to Anil, when invested at compound Interest =  $12,500 \times \left(1 + \frac{12}{100}\right)^2$

Total amount = Rs 15,680

CI = Rs 15,680 - Rs 12,500 = Rs 3,180

$\therefore$  The compound interest on the sum is Rs 3,180.

**67. Answer: a**

**Explanation:**

Concept:

B = Bar/Bracket

O = Off

D = Division

M = Multiplication

A = Addition

S = Subtraction

Calculation:

$$\left(\frac{7}{5} \div \frac{7}{10} \text{ of } \frac{3}{4}\right) \div \frac{4}{9} + \left(\frac{7}{16} \div 10\frac{1}{2} \times 7\frac{1}{5}\right) \times \frac{5}{12}$$

$$\Rightarrow \left(\frac{7}{5} \div \frac{21}{40}\right) \div \frac{4}{9} + \left(\frac{7}{16} \div \frac{21}{2} \times \frac{36}{5}\right) \times \frac{5}{12}$$

$$\Rightarrow \left(\frac{7}{5} \times \frac{40}{21}\right) \div \frac{4}{9} + \left(\frac{7}{16} \times \frac{2}{21} \times \frac{36}{5}\right) \times \frac{5}{12}$$

$$\Rightarrow \left(\frac{8}{3}\right) \div \frac{4}{9} + \left(\frac{9}{30}\right) \times \frac{5}{12}$$

$$\Rightarrow \left(\frac{8}{3}\right) \times \frac{9}{4} + \left(\frac{1}{8}\right)$$

$$\Rightarrow 6 + \frac{1}{8} = \frac{49}{8}$$

The answer is  $\frac{49}{8}$ .

68. Answer: b

Explanation:

Calculation:

Let the number B be 100.

$$\Rightarrow A = 1.2 \times 100 = 120$$

$$\Rightarrow C = 0.8 \times (100 + 120) = 0.8 \times 220 = 176$$

$$\therefore \text{Difference between B and C} = 176 - 100 = 76$$

$$\text{Difference of C and B less than A} = 120 - 76 = 44$$

$$\text{Difference percentage} = \frac{44}{120} \times 100 = 36.7\%$$

The answer is 36.7% .

---

**69. Answer: d**

**Explanation:**

Concept:

The greatest number that would exactly divide the given numbers would be the HCF.

Calculation:

Using the factorial method, we find the factor of-

$$\Rightarrow 2880 = 2 \times 2 \times 2 \times 2 \times 2 \times 3 \times 3 \times 5$$

$$\Rightarrow 6525 = 3 \times 3 \times 5 \times 5 \times 29$$

$$\Rightarrow 8307 = 3 \times 3 \times 13 \times 71$$

We find that the HCF of the numbers is  $3 \times 3$  i.e., 9.

$\therefore$  The greatest number that divides 2880, 6525, 8307 exactly is 9.

**70. Answer: b**

**Explanation:**

Calculation:

Let the first part be "a"

$\therefore$  Second part =  $564 - a$

According to the question-

$$\frac{\frac{1}{8} \times a}{\frac{1}{5} \times (564 - a)} = \frac{5}{4}$$

$$\Rightarrow \frac{5 \times a}{8 \times (564 - a)} = \frac{5}{4}$$

$$\Rightarrow \frac{a}{2 \times (564 - a)} = 1$$

$$\Rightarrow a = 2 \times (564 - a)$$

$$\Rightarrow a = 1128 - 2a$$

$$\Rightarrow 3a = 1128 \text{ or } a = 376$$

$$\therefore \text{Second part} = 564 - 376 = 188$$

The first part is 376 and the second part is 188.

71. Answer: c

Explanation:

Formula:

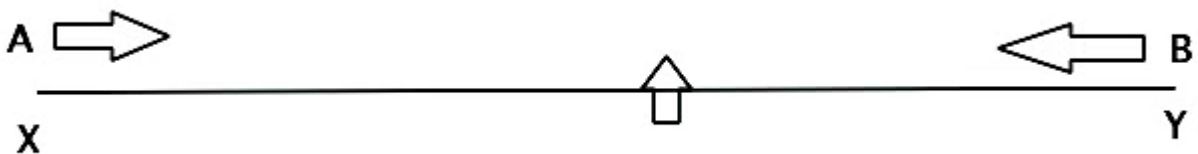
$D = S \times T$ , where

D = Distance

S = Speed

T = Time

Calculation:



Let the  $S_1$  and  $S_2$  be the speed of A and B respectively and  $T_1$  and  $T_2$  be the time taken to complete the distance after the meeting point.

$$\Rightarrow \frac{S_1}{S_2} = \sqrt{\frac{T_2}{T_1}}$$

Substituting the values respectively-

$$\Rightarrow \frac{S_1}{12} = \sqrt{\frac{1.8}{3.2}}$$

$$\Rightarrow S_1 = 12 \times \frac{3}{4} = 9 \text{ km/hr}$$

The speed of A is 9 km/hr.

**72. Answer: c**

**Explanation:**

Formula:

Average weight = Total weight of all persons  $\div$  Total number of persons

Calculation:

Total weight of the persons =  $14 \times 76.5 = 1071$  kg

Total increased weight =  $82 + 75 + x = (157 + x)$  kg

New total weight of the persons =  $17 \times 77 = 1309$  kg

According to the question-

$$\Rightarrow 1071 + 157 + x = 1309$$

$$\Rightarrow x = 1309 - (1071 + 157)$$

$$\Rightarrow x = 81 \text{ kg}$$

The value of x is 81 kg.

73. Answer: c

**Explanation:**

**Formula:**

$$MP \times \left(1 - \frac{D\%}{100}\right) = CP \times \left(1 + \frac{G\%}{100}\right), \text{ where}$$

D% and G% are Discount and Gain percentages respectively.

**Calculation:**

Substituting the values, we get-

$$\Rightarrow MP \times \left(1 - \frac{15}{100}\right) = \text{Rs } 340 \times \left(1 + \frac{5}{100}\right)$$

$$\Rightarrow MP = \frac{340 \times 105}{85} = \text{Rs } 420$$

The marked price is Rs 420.

74. Answer: c

**Explanation:**

**Formula:**

Total work = Efficiency × Total days needed to complete the work

**Calculation:**

Let the efficiency of C be 100.

$$\Rightarrow \text{Efficiency of B} = 1.5 \times 100 = 150$$

$$\Rightarrow \text{Efficiency of A} = 0.5 \times 150 = 75$$

Ratio of Efficiency of A, B and C = 75 : 150 : 100 or 3 : 6 : 4

$$\text{Total work} = 3 + 6 + 4 = 13 \times 48 = 624$$

$$\therefore \text{Days in which A will alone complete the work} = \frac{624}{3} = 208 \text{ days}$$

A will complete the work in 208 days alone.

75. Answer: d

Explanation:

Calculation:

$$\text{Let } \frac{15}{100} \times A = \frac{45}{100} \times B = k$$

$$\therefore A = \frac{100k}{15} \text{ and } B = \frac{100k}{45}$$

According to the question-

$$\Rightarrow A - B = \frac{100k}{15} - \frac{100k}{45} = \frac{300k - 100k}{45} = \frac{200k}{45}$$

$$A\% = \frac{\frac{100k}{15}}{\frac{200k}{45}} \times 100 = \frac{100k}{15} \times \frac{45}{200k} \times 100 = 150\%$$

The answer is 150%.

Your Personal Exams Guide

76. Answer: c

Explanation:

The correct answer is option 3), i.e., 'Illustration.'

★ Key Points

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



Word	Meaning
<b>Illustration</b>	a picture in a book, magazine, etc. given as an example that explains or proves something. (किसी पुस्तक, पत्रिका आदि में उदाहरण के रूप में दिया गया चित्र जो किसी बात की व्याख्या या सिद्ध करता हो)

- Example :
  - *The publisher selected paintings to use for the **illustration** of the book.*
- Let's look at the meanings of the other given options:

Word	Meaning
<b>Decoration</b>	something added to an object or place to make it look more attractive. (किसी वस्तु या स्थान को और अधिक आकर्षक बनाने के लिए उसमें कुछ जोड़ा जाता है)
<b>Ornamentation</b>	decorative elements added to something to enhance its appearance. (किसी वस्तु की दिखावट बढ़ाने के लिए उसमें सजावटी तत्व मिलाए जाते हैं)
<b>Demonstration</b>	the act of showing someone how to do something, or how something works. (किसी को कुछ कैसे करना है, या कुछ कैसे काम करता है, यह दिखाने की क्रिया)

- Hence, from the given meanings, we find that 'Illustration' is the correct one-word substitute.
- So, the correct answer is option 3.

Correct one-word substitute: Illustration.

**77. Answer: a**

**Explanation:**

The correct answer is option 1), i.e., "Anger or fuss about something trivial . "

★ Key Points

- Let's look at the meaning of the given idiom/ phrase:
- The phrase 'Storm in a teacup' means 'great outrage or excitement about a trivial matter.' (किसी तुच्छ बात को लेकर बड़ा आक्रोश या उत्तेजना)
- *Example:*
  - *The speaker of the parliament finds the whole issue about the reservation of the economically weaker sections is a **storm in a teacup**.*
- Hence, the only possible answer is option 1 'Anger or fuss about something trivial,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning: Anger or fuss about something trivial.

**78. Answer: c**

**Explanation:**

The correct answer is option 3), i.e., 'Uneven.'

★ **Key Points**

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

Word	Meaning
Irregular	not regular in shape or form; having parts of different shapes or sizes. (आकार या रूप में नियमित नहीं; विभिन्न आकार या आकार के हिस्से होना)

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

Word	Meaning
Usual	happening or done most of the time; ordinary. (अधिकांश समय हो रहा है या किया गया है; साधारण)
Common	something that is same in a lot of places or for a lot of people. (कुछ ऐसा जो बहुत सी जगहों पर या बहुत से लोगों के लिए समान हो)
Uneven	varying in quality, size or shape; not always good. (गुणवत्ता, आकार या आकार में भिन्नता; हमेशा अच्छा नहीं)
Smooth	having a surface or consisting of a substance that is perfectly regular and has no holes, lumps, or areas that rise or fall suddenly. (एक सतह या एक पदार्थ से मिलकर जो पूरी तरह से नियमित है और इसमें कोई छेद, गांठ या ऐसे क्षेत्र नहीं हैं जो अचानक उठते या गिरते हों)

- Clearly, the word 'Uneven' is closest in meaning to the given word 'Irregular'.
- Therefore, the correct synonym of the given word is option 3.

★ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Irregular':
- Synonyms: capricious, erratic, intermittent, jerky, sporadic, uneven.
- Antonyms: constant, continuous, dependable, regular, reliable, smooth.

79. Answer: c

**Explanation:**

The erroneous part is option 3), i.e., 'from any other newspaper.'

★ Key Points

- The error lies in the part 'from any other newspaper.'
- In the given sentence, the circulation of a newspaper is compared with other newspapers.

- Here the use of 'from' after the comparative adjective 'bigger' is wrong.
- 'From' is used as a preposition to show the place where someone or something starts; used to show the material of which something is made; to show a change in the state of someone or something.
- Whereas 'than' is used as a **conjunction** after comparative adjectives and adverbs, to introduce the second member of an unequal comparison.
- Therefore in the given sentence, we need to use 'than' in place of 'from' to make the sentence grammatically correct.
- Hence, the correct answer is option 3.

Correct sentence: *This newspaper has a bigger circulation **than any other newspaper.***

---

80. Answer: a

Explanation:

The correct answer is option 1), i.e., "To punish someone lightly . "

★ Key Points

- Let's look at the meaning of the given idiom/ phrase:
- The phrase 'To let someone off' means 'to not punish someone who has done something wrong.' (किसी ऐसे व्यक्ति को दंडित न करना जिसने कुछ गलत किया हो)
- *Example:*
  - *The judge did not **let him off** with a warning but punished him for his crimes.*
- Hence, the only possible answer is option 1, 'To punish someone lightly,' which exactly resembles the meaning of the given idiom/ phrase.

Correct meaning: *To punish someone lightly.*

---

81. Answer: a

**Explanation:**

The correct answer is option 1), i.e., 'suddenly . '

★ **Key Points**

- The error lies in Part (perfectly )of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- Let's look at the meaning of the other given options:

Word	Meaning
<b>suddenly</b>	quickly and unexpectedly. (जल्दी और अप्रत्याशित रूप से)
<b>partially</b>	not completely . ( पूरी तरह से नहीं )
<b>effortlessly</b>	in a manner requiring no physical or mental exertion . ( इस तरह से जिसमें किसी शारीरिक या मानसिक परिश्रम की आवश्यकता न हो )
<b>normally</b>	if something happens normally, it happens in the usual or expected way . ( अगर कुछ सामान्य रूप से होता है, तो यह सामान्य या अपेक्षित तरीके से होता है )

- The implied meaning of the given sentence is that while driving near Delhi, the speaker unexpectedly felt he/ she need to stretch his /her legs.
- Therefore, in the erroneous part, the use of ' perfectly 'in the sentence should be replaced with ' suddenly 'to make it meaningfully correct .
- Therefore, the correct answer is Option 1.

Correct sentence:At the time I was driving near Delhi, I **suddenly** felt the need to stretch my legs.

**82. Answer: c**

**Explanation:**

The erroneous part is option 3), i.e., 'highlighting . '

★ Key Points

- The error lies in part 'highlighting.'
- In the erroneous part, the verb 'highlighting' is in continuous form; from here, we can deduce that the sentence should be in the present or past continuous tense.
- The structure of the present continuous tense is: **Subject + am/is/are + (verb+ing) + object.**
- The structure of past continuous tense is: **Subject + was/were + (verb+ing) + object.**
- Therefore we have to **add the helping verb 'is' or 'was'** before the verb to make the sentence grammatically correct.
- Hence, the correct answer is option 3.

Correct sentence:

*The news reporter is highlighting the mysterious death of the film actor repeatedly.*

or

*The news reporter was highlighting the mysterious death of the film actor repeatedly.*

83. Answer: d

**Explanation:**

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

★ Key Points

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

Word	Meaning
Oppose	to disagree with something, often by speaking or fighting against it. (किसी बात से असहमत होना, अक्सर बोलकर या उसके खिलाफ लड़कर)
Favour	the support or approval of something or someone. (किसी चीज या किसी का समर्थन या अनुमोदन)

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

Word	Meaning
Quarrel	an angry disagreement between two or more people or groups. (दो या दो से अधिक लोगों या समूहों के बीच क्रोधित असहमति)
Assist	to help. (मदद)
Control	to order, limit, or rule something, or someone's actions or behaviour. (किसी चीज़ या किसी के कार्यों या व्यवहार को आदेश देना, सीमित करना या नियम बनाना)

- Hence from the given meanings, we find that 'Oppose' and 'Favour' are antonyms.
- So, the correct answer is option 4.

★ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Oppose':
- Synonyms: argue, assail, attack, debate, defy.
- Antonyms: accept, agree, aid, allow, comply.

84. Answer: b

**Explanation:**

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

★ Key Points

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

Word	Meaning
restoration	the act or process of returning something to its earlier good condition or position, or to its owner. (किसी चीज़ को उसकी पहले की अच्छी स्थिति या स्थिति में या उसके मालिक को लौटाने की क्रिया या प्रक्रिया)
reputation	the opinion that people have of someone or something, based on past behaviour or character. (पिछले व्यवहार या चरित्र के आधार पर लोगों की किसी या किसी चीज़ के बारे में राय)
renown	the state of being famous. (प्रसिद्ध होने की अवस्था या भाव)
resistance	the act of fighting against something that is attacking you, or refusing to accept something. (किसी ऐसी चीज़ के खिलाफ लड़ने की क्रिया जो आप पर हमला कर रही है, या किसी चीज़ को स्वीकार करने से इंकार कर रही है)

- The context of the sentence is that the old man is known for amicably resolving conflicts.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "reputation."
- Therefore, the correct answer is Option 2.
- Another example :
  - He has acquired a **reputation** for his honesty.

Complete Sentence: *The old man has earned the reputation of settling disputes peacefully.*

**85. Answer: a**

**Explanation:**

The erroneous part is option 1), i.e., 'to finding .'

★ Key Points



- The error lies in part 'to finding.'
- In the given sentence, the use of the present participle or gerund form of the verb '**finding**' is incorrect.
- Gerunds are always used after prepositions, but the word '**to**' in the underlined segment is not acting as a preposition.
- The word '**to**' in the underlined segment is acting as part of the '**to-infinitive**'. The to-infinitive is formed as '**to + base form of the verb.**'
- The to-infinitive is used in many sentence constructions, often expressing the purpose of something or someone's opinion about something.
- Therefore, **the base form of the verb 'find'** should be used in place of the gerund or present participle form of the verb '**finding**' to make the sentence grammatically correct.
- Hence, the correct answer is option 1.

Correct sentence: *It is not simple **to find** a way out of problems.*

86. Answer: d

**Explanation:**

The correct answer is option 4), i.e., "Priviledge."

★ Key Points

- The correct spelling is 'Privilege.'
- 'Privilege' means 'an advantage that only one person or group of people has, usually because of their position or because they are rich.' (एक लाभ जो केवल एक व्यक्ति या लोगों के समूह के पास होता है, आमतौर पर उनकी स्थिति के कारण या क्योंकि वे अमीर होते हैं)
- Example:
  - *Education should be a right, not a **privilege**.*
- Therefore, 'Priviledge' is incorrectly spelt among the given options.
- Hence, option 4 is the correct answer.

★ Additional Information

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

Word	Meaning
Previous	happening or existing before something or someone else. (कुछ या किसी और से पहले हो रहा है या विद्यमान है)
Private	only for one person or group and not for everyone. (केवल एक व्यक्ति या समूह के लिए और सभी के लिए नहीं)
Prevalent	existing very commonly or happening often. (बहुत सामान्य रूप से मौजूद या अक्सर हो रहा है)

87. Answer: a

Explanation:

The correct answer is option 1), i.e., 'place.'

★ Key Points

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

Word	Meaning
place	a suitable area, building, situation, or occasion. (एक उपयुक्त क्षेत्र, भवन, स्थिति या अवसर)
size	how large or small something or someone is. (कोई चीज या कोई कितना बड़ा या छोटा है)
design	to make or draw plans for something, for example, clothes or buildings. (किसी चीज़ की योजना बनाना या बनाना, उदाहरण के लिए कपड़े या भवन)
shape	the particular physical form or appearance of something. (किसी चीज का विशेष भौतिक रूप या स्वरूप)

- The context of the sentence is that the extremely large vase doesn't seem suitable for the room.

- According to the above-mentioned points, the most appropriate word to fill in the blank is "place."
- Therefore, the correct answer is Option 1.
- Another example :
  - *Lightning never strikes twice in the same **place**.*

Complete Sentence: *The huge vase looks out of place with the surroundings.*

---

## 88. Answer: b

### Explanation:

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

#### ★ Key Points

- The error lies in Part (deprived from ) of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- According to the rules of prepositions, '**from**' is used to show the place where someone or something starts; used to show the material of which something is made; to show a change in the state of someone or something.
- The preposition '**of**' is used to indicate relating to, belonging to; to indicate reference, or to specify the number or an amount.
- Deprive forms the phrasal verb '**deprive of**' which means to take something away from someone, especially something valuable or pleasurable.
- Therefore, in the erroneous part, the use of the preposition 'from' in the sentence should be replaced with the preposition 'of' to make it grammatically correct .
- Therefore, the correct answer is Option 2.

Correct sentence: *The farmer was deprived of his land by the money lender.*

---

## 89. Answer: d

**Explanation:**

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

★ Key Points

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

Word	Meaning
<b>Invigilator</b>	a person whose job is to watch people taking an exam in order to check that they do not cheat. (एक व्यक्ति जिसका काम लोगों को परीक्षा देते हुए देखना है ताकि यह जांचा जा सके कि वे नकल नहीं करते हैं)

- Example :
  - The girl stops writing in the exam only after the **invigilator** has yelled at him.
- Let's look at the meanings of the other given options:

Word	Meaning
<b>Teacher</b>	someone whose job is to teach in a school or college. (जिसका काम किसी स्कूल या कॉलेज में पढ़ाना हो)
<b>Inspector</b>	someone whose job is to officially inspect something. (कोई जिसका काम आधिकारिक तौर पर किसी चीज़ का निरीक्षण करना है)
<b>Examinee</b>	someone who is taking an examination. (कोई व्यक्ति जो परीक्षा दे रहा हो)

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

Correct one-word substitute: Invigilator.

90. Answer: d

**Explanation:**

The correct answer is option 4), i.e., "Delicious."

★ **Key Points**

- The correct spelling is 'Delicious.'
- 'Delicious' means 'having a very pleasant taste or smell.' (बहुत ही सुखद स्वाद या गंध होना)
- Example:
  - *The newly opened restaurant's fried chicken is very **delicious**.*
- Therefore, 'Delicious' is incorrectly spelt among the given options.
- Hence, option 4 is the correct answer.

★ **Additional Information**

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

Word	Meaning
Approve	to have a positive opinion of someone or something. (किसी के बारे में या किसी चीज़ के बारे में सकारात्मक राय रखना)
Progress	to improve or develop in skills, knowledge, etc. (कौशल, ज्ञान आदि में सुधार या विकास करना।)
Present	the period of time that is happening now, not the past or the future; something that you are given, without asking for it, on a special occasion. (समय की वह अवधि जो अभी हो रही है, अतीत या भविष्य नहीं; कुछ ऐसा जो आपको किसी विशेष अवसर पर बिना मांगे दिया जाता है)

91. **Answer: a**

**Explanation:**

The correct answer is option 1), i.e., 'Arrogant.'

★ Key Points

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

Word	Meaning
Humble	not proud or not believing that you are important. (गर्व नहीं है या विश्वास नहीं है कि आप महत्वपूर्ण हैं)
Arrogant	unpleasantly proud and behaving as if you are more important than, or know more than, other people. (अप्रिय रूप से गर्व और व्यवहार करना जैसे कि आप अन्य लोगों की तुलना में अधिक महत्वपूर्ण हैं या अधिक जानते हैं)

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

Word	Meaning
Boring	not interesting or exciting. (दिलचस्प या रोमांचक नहीं)
Fair	treating someone in a way that is right or reasonable. (किसी के साथ ऐसा व्यवहार करना जो सही या उचित हो)
Modest	not usually talking about or making obvious your own abilities and achievements. (आमतौर पर अपनी क्षमताओं और उपलब्धियों के बारे में बात नहीं करना या स्पष्ट करना)

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

★ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Humble':
- Synonyms: courteous, gentle, modest, ordinary, polite.
- Antonyms: brave, complex, complicated, discourteous, extraordinary.

92. Answer: a

## Explanation:

The correct answer is option 1), i.e., 'Elevation .'

### ★ Key Points

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

Word	Meaning
Promotion	the act of raising someone to a higher or more important position or rank. (किसी को उच्च या अधिक महत्वपूर्ण पद या पद पर पहुँचाने की क्रिया)

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

Word	Meaning
Elevation	the fact of being given a more important position; the height of a place above the level of the sea. (अधिक महत्वपूर्ण स्थान दिए जाने का तथ्य; समुद्र तल से किसी स्थान की ऊँचाई)
Domination	to have control over a place or person. (किसी स्थान या व्यक्ति पर नियंत्रण रखना)
Demotion	to lower someone or something in rank or position. (पद या स्थिति में किसी को या किसी चीज़ को कम करना)
Endearment	a word or phrase that you use to show that you love someone. (एक शब्द या वाक्यांश जिसका उपयोग आप यह दिखाने के लिए करते हैं कि आप किसी से प्यार करते हैं)

- Clearly, the word 'Elevation' is closest in meaning to the given word 'Promotion'.
- Therefore, the correct synonym of the given word is option 1.

### ★ Additional Information

- Let's look at the synonyms and antonyms for the given word 'Promotion':
- Synonyms: advance, advancement, advocacy, backing, betterment, boost.

- Antonyms: block, condemnation, debasement, decline, decrease.

93. Answer: a

**Explanation:**

The correct answer is option 1), i.e., 'affordable.'

★ Key Points

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

Word	Meaning
affordable	not expensive. (महंगा नहीं)
amenable	willing to accept or be influenced by a suggestion. (किसी सुझाव को स्वीकार करने या प्रभावित होने के लिए तैयार)
agreeable	willing to do or accept something. (कुछ करने या स्वीकार करने को तैयार)
acceptable	satisfactory and able to be agreed to or approved of. (संतोषजनक और सहमत या अनुमोदित होने में सक्षम)

- The context of the sentence is that several companies have developed technology at reasonable prices to cater to consumers of all income levels.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "affordable."
- Therefore, the correct answer is Option 1.
- Another example :
  - *The restaurant serves good food at **affordable** prices.*

Complete Sentence: Several companies have come up with technology at affordable prices to suit consumers of all segments.



94. Answer: c

Explanation:

The correct answer is option 3), i.e., 'was on growth financing . '

★ Key Points

- The error lies in Part (were on growth financing )of the sentence.
- As per instructions, the remaining portion of the sentence is correct.
- According to the rules of nouns, collective nouns such as '**committee, jury, house, ministry, family, mob, crowd, audience, police, team, number, board, staff, public**' are treated as a singular entity and the singular verb is used with them.
- As the word '**committee**' is such a word, so we have to use the singular verb '**was.**'
- Therefore, in the erroneous part, the use of the plural verb 'were' in the sentence should be replaced with the singular verb 'was' to make it grammatically correct .
- Therefore, the correct answer is Option 3.

Correct sentence:*The first meeting of the Standing Committee **was on growth financing** because investment is crucial for us in revival after the pandemic.*

95. Answer: a

Explanation:

The correct answer is option 1), i.e., 'Atheist . '

★ Key Points

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

Word	Meaning
<b>Atheist</b>	someone who does not believe in any god or gods, or who believes that no god or gods exist. (कोई है जो किसी भगवान या देवताओं में विश्वास नहीं करता है, या जो मानता है कि कोई भगवान या भगवान मौजूद नहीं है)

- Example :
  - As an **atheist**, he does not accept any orthodox religious argument.
- Let's look at the meanings of the other given options:

Word	Meaning
<b>Theologist</b>	one who is skilled in, professes or practices that relates or pertain to God. (वह जो ईश्वर से संबंधित या उससे संबंधित है, में कुशल, प्रवीणता या अभ्यास करता है।)
<b>Monotheist</b>	someone who believes that there is only one God. (कोई है जो विश्वास करता है कि केवल एक ईश्वर है)
<b>Polytheist</b>	someone who believes in many Gods. (कोई है जो कई देवताओं में विश्वास करता है)

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

Correct one-word substitute: Atheist.

96. Answer: b

**Explanation:**

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

★ Key Points

- The context of the sentence is that a biosketch is a concise account of a person's achievements and recognition in the professional world.

- Here we have to use an article to fill in the blank.
- In speech and writing, the article 'a' is used before a consonant sound, and 'an' is used before a vowel sound.
- The word 'brief' starts with the consonant 'b' and makes a consonant sound.
- According to the above-mentioned points, the most appropriate option to fill in the blank is "a" to make the sentence grammatically correct.
- Therefore, the correct answer is Option 2.

Complete passage: A biosketch is (1) a brief summary of a person's professional (2) *accomplishments* and recognition. It is meant (3) to highlight the important (4) *aspects* of one's training, experience and (5) *areas* of interest.

97. Answer: d

**Explanation:**

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

★ Key Points

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

Your Personal Exams Guide

Word	Meaning
annoyance	the feeling or state of being annoyed; irritation. (नाराज होने की भावना या स्थिति; चिढ़)
adventures	an unusual, exciting, and possibly dangerous activity, such as a trip or experience, or the excitement produced by such an activity. (एक असामान्य, रोमांचक और संभवतः खतरनाक गतिविधि, जैसे यात्रा या अनुभव, या ऐसी गतिविधि से उत्पन्न उत्साह)
establishments	the process of starting or creating something, for example, an organization; a business or other organization, or the place where an organization operates. (कुछ शुरू करने या बनाने की प्रक्रिया, उदाहरण के लिए, एक संगठन; एक व्यवसाय या अन्य संगठन, या वह स्थान जहाँ एक संगठन संचालित होता है)
accomplishments	the act or fact of achieving something. (किसी चीज को प्राप्त करने की क्रिया या तथ्य)

- The context of the sentence is a biosketch is a concise account of a person's achievements and identity in the professional world.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "accomplishments."
- Therefore, the correct answer is Option 4.

Complete passage: A biosketch is (1) a brief summary of a person's professional (2) *accomplishments* and recognition. It is meant (3) to highlight the important (4) *aspects* of one's training, experience and (5) *areas* of interest.

98. Answer: c

**Explanation:**

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

★ Key Points

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

Preposition	Usage
from	used to show the place where someone or something starts; used to show the material of which something is made; to show a change in the state of someone or something.
about	used to indicate movement within a particular area; to indicate the subject of concern.
to	used to indicate the direction and place; to indicate a relationship; to indicate a limit; to refer to a period of time.
of	used to indicate relating to, belonging to; to indicate reference; to specify the number or an amount.

- The context of the sentence is a biosketch intended to emphasise the critical elements of one's education, experience, and areas of interest.
- Here 'to' is not used as a preposition.
- As here the word 'highlight' is acting as the base form of a verb, the word 'to' in the blank segment will be acting as part of the to-infinitive. The 'to-infinitive' is formed as 'to + base form of the verb'.
- The 'to-infinitive' is used in many sentence constructions, often expressing the purpose of something or someone's opinion about something.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "to."
- Therefore, the correct answer is Option 3.

Complete passage: A biosketch is (1) a brief summary of a person's professional (2) *accomplishments* and recognition. It is meant (3) to highlight the important (4) *aspects* of one's training, experience and (5) *areas* of interest.

99. Answer: d

## Explanation:

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

### ★ Key Points

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

Word	Meaning
<b>austerity</b>	the condition of living without unnecessary things and without comfort, with limited money or goods, or a practice, habit, or experience that is typical of this. (अनावश्यक चीजों के बिना और आराम के बिना रहने की स्थिति, सीमित धन या सामान के साथ, या एक अभ्यास, आदत या अनुभव जो कि विशिष्ट है)
<b>assignments</b>	a piece of work given to someone, typically as part of their studies or job. (किसी को दिया गया काम का एक टुकड़ा, आमतौर पर उनकी पढ़ाई या नौकरी के हिस्से के रूप में)
<b>availability</b>	the fact or possibility that you can buy, get, or have something; the fact that you have time free for doing something, or the amount of time that you have. (तथ्य या संभावना है कि आप कुछ खरीद सकते हैं, प्राप्त कर सकते हैं या प्राप्त कर सकते हैं; यह तथ्य कि आपके पास कुछ करने के लिए खाली समय है, या आपके पास जितना समय है)
<b>aspects</b>	one part of a situation, problem, subject, etc. (किसी स्थिति, समस्या, विषय आदि का एक भाग)

- The context of the sentence is that the purpose of biosketch is to highlight the significant parts of one's education, experience, and areas of interest.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "aspects."
- Therefore, the correct answer is Option 4.

Complete passage: A biosketch is (1) a brief summary of a person's professional (2) *accomplishments* and recognition. It is meant (3) to highlight the important (4) *aspects* of one's training, experience and (5) *areas* of interest.

100. Answer: c

**Explanation:**

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

★ Key Points

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

Word	Meaning
surface	the outer or top part or layer of something. (किसी चीज का बाहरी या ऊपरी भाग या परत)
section	one of the parts that something is divided into. (भागों में से एक जिसमें कुछ बांटा गया है)
areas	a subject or activity, or a part of it; a part of the earth's surface of land and water, or a particular part of a country, city, town, etc. (एक विषय या गतिविधि, या इसका एक हिस्सा; भूमि और पानी की पृथ्वी की सतह का एक हिस्सा, या किसी देश, शहर, कस्बे आदि का एक विशेष भाग।)
space	an empty area that is available to be used; the empty area outside Earth's atmosphere, where the planets and the stars are. (उपयोग करने के लिए उपलब्ध एक खाली क्षेत्र; पृथ्वी के वायुमंडल के बाहर का खाली क्षेत्र, जहाँ ग्रह और तारे हैं)

- The context of the sentence is that the purpose of a biosketch is to draw attention to the key elements of a person's education, experience, subjects and activities of liking.
- According to the above-mentioned points, the most appropriate word to fill in the blank is "areas."
- Therefore, the correct answer is Option 3.

Complete passage: A biosketch is (1) a brief summary of a person's professional (2) *accomplishments* and recognition. It is meant (3) to highlight the important (4)

*aspects of one's training, experience and (5) areas of interest.*

**prepp**

Your Personal Exams Guide