

# 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



UPTET



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 (09-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. In a certain code language, CHAMPION is written as NIMHOPAC. How will CHILDREN be written in that language? (+1, -0.25)
- a. RENDLIHC
  - b. NRLHEDIC
  - c. DLIHCNER
  - d. IENRDLHC
- 

2. 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:**

All books are registers.

All registers are pencils.

**Conclusions:**

I. All books are pencils.

II. No register is a pencil.

- a. Both the conclusions follow
- b. Only conclusion II follows
- c. Either conclusion I or II follows
- d. Only conclusion I follows

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

15, 30, 50, 75, 105, ?, 180

- a. 108
  - b. 98
  - c. 140
  - d. 155
- 

4. When a number is added to its next number and another number that is 2 times its next number, the sum of these three numbers is 35. Find the number (+1, -0.25)

- a. 9
  - b. 6
  - c. 7
  - d. 8
- 

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

2, 6, 12, ?, 30

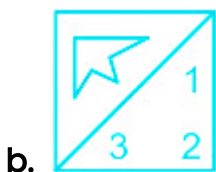
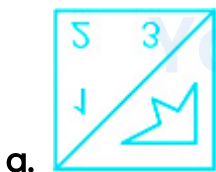
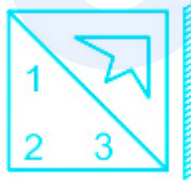
- a. 20
- b. 24
- c. 18

d. 26

6. 'Inflation' is related to 'Deflation' in the same way as 'Quick' is related to (+1, -0.25)  
'-----'.

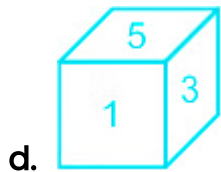
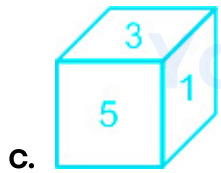
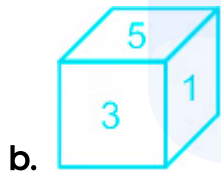
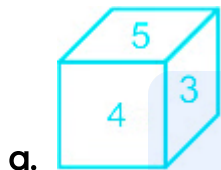
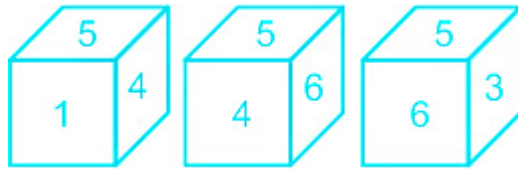
- a. Reflex
- b. Sluggish
- c. Rapid
- d. Race

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





8. Three different positions of the same dice are shown. Select the position of the next rotation. (+1, -0.25)



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

TH, VJ, YM, ?, HV

- a. DR
  - b. BR
  - c. HS
  - d. CQ
- 

10. 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. KMNL
  - b. OQSP
  - c. RTUS
  - d. JLMK
- 

11. Six girls, P, Q, R, S, T and U are sitting in two lines, one line behind the other (+1, -0.25)  
line. All the girls are facing north. In the front line there are three girls. The remaining girls are sitting in the second line. T is just behind P. R is sitting to the immediate left of U. S is between T and Q. S is sitting to the immediate left of Q. Who is sitting just behind R?

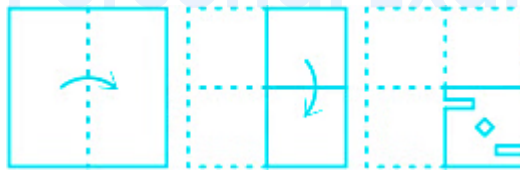
- a. P
  - b. Q
  - c. S
  - d. Cannot be determined
-

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



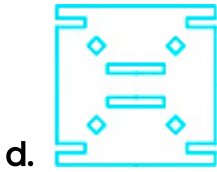
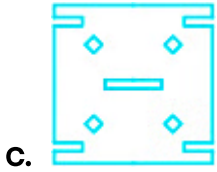
- a.
- b.
- c.
- d.

13. 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)



- a.
- b.





14. 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. Prelude
- 2. Pressure
- 3. Presume
- 4. Product
- 5. Profess

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

15. In a certain code language, ANGER is coded as 45. How will CRUEL be coded in that language? (+1, -0.25)

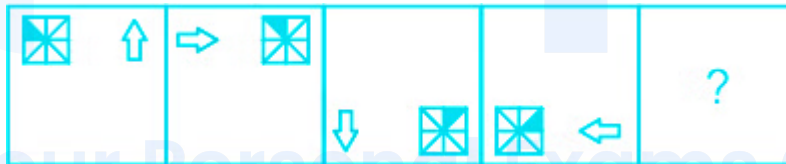
- a. 59
- b. 56

- c. 55
- d. 58

16. M is the only son of S. F is Y's daughter and the only niece of P. P is S's only daughter. How is Y related to M? (+1, -0.25)

- a. Cousin
- b. Wife
- c. Aunt
- d. Sister

17. Select the figure that will replace the question mark (?) in the following figure series. (+1, -0.25)



- a.
- b.
- c.



d.

---

18. M, N, O and P are sitting at an equal distance from each other around a round office table. E, F, G and H have also joined the meeting. M is sitting opposite to F and between O and G. P is sitting second to the right of G and third to the left of H. If N is opposite to H, then who are sitting adjacent to F? (+1, -0.25)

- a. E, N
- b. P, E
- c. H, P
- d. O, H

---

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

9 : 107 :: 8 : ?

- a. 112
- b. 100
- c. 98
- d. 96

---

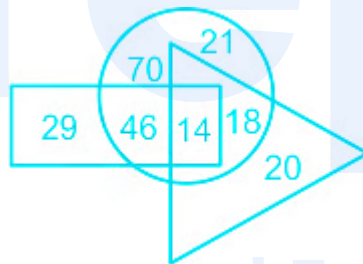
20. If 'P' denotes 'addition', 'D' denotes 'subtraction', 'S' denotes 'multiplication', and 'V' denotes 'division', then what will be the value of (+1, -0.25)

the following expression?

$$5(7S3)D3(8P6)V7D11(3S13S2)P2(41S9)$$

- a. -21
- b. -93
- c. 39
- d. 21

21. In the following diagram, the rectangle stands for 'yoga teachers', the circle stands for 'Indians', and the triangle stands for 'social workers'. The numbers given in the different segments represent the number of persons of that category. (+1, -0.25)



How many Indian social workers are NOT yoga teachers?

- a. 14
  - b. 21
  - c. 20
  - d. 18
22. Study the given pattern carefully and select the number that can replace the question mark (?) in it. (+1, -0.25)

14	10	38
15	20	50
16	30	?

- a. 60
- b. 58
- c. 64
- d. 62

23. In a certain code language, ALMOND is written as BMNPOE. How will MENTAL be written in that language? (+1, -0.25)

- a. NFQOBM
- b. FNOQBM
- c. NFOUBM
- d. FNQOMB

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

Y \_ D P \_ A \_ P Y A D \_ Y A \_ P

- a. P Y D P D
- b. A Y D P Y
- c. A Y D P D

d. A Y P D Y

---

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

MUSCLE : CSMEUL :: WONDER : ?

a. DNORWE

b. DNWROE

c. DWNERO

d. NOEWDR

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Your Personal Exams Guide

## General Knowledge and General Awareness

26. Who among the following was the first musician ever to be awarded the Bharat Ratna, India's highest civilian honour? (+1, -0.25)
- a. BM Balamuralikrishna
  - b. Lata Mangeshkar
  - c. MS Subbulakshmi
  - d. Pandit Bhimsen Gururaj Joshi
- 

27. In which of the following states is the Thervoy Kandigai-Kannankottai reservoir situated? (+1, -0.25)
- a. Tamil Nadu
  - b. Maharashtra
  - c. Madhya Pradesh
  - d. Karnataka
- 

28. Who won the Rugby World Cup 2019? (+1, -0.25)
- a. France
  - b. New Zealand
  - c. South Africa
  - d. Australia
-

29. As of November 2020, The Saraswati Samman is an annual award given for outstanding prose or poetry literary works in any of the \_\_\_\_\_ Indian languages listed in Schedule VIII of the Constitution of India. (+1, -0.25)

- a. 20
  - b. 22
  - c. 18
  - d. 24
- 

30. Where did American geologist Charles Weld and Dorabji Tata find iron ores? (+1, -0.25)

- a. Rajhara Hills
  - b. Bailadila
  - c. Boria Tibbu
  - d. Eklama
- 

31. Which of the following is NOT a characteristic of a sound wave? (+1, -0.25)

- a. Electromagnetic
  - b. Mechanical
  - c. Longitudinal
  - d. Progressive
-



32. The One Hundred and Third Amendment of the Constitution of India provides reservation for \_\_\_\_\_ in government jobs and educational institutions. (+1, -0.25)
- a. schedule castes/tribes
  - b. other backward classes
  - c. economically weaker sections
  - d. minorities
- 

33. In which of the following years was the ninth Guru of the Sikhs, Shri Guru Teg Bahadur executed by Aurangzeb? (+1, -0.25)
- a. 1675
  - b. 1745
  - c. 1539
  - d. 1689
- 

34. Who was awarded with Diana Award 2020? (+1, -0.25)
- a. Freya Thakral
  - b. C Rangrajan
  - c. Bimal Jalan
  - d. Samarth Joshi
-

35. India celebrated World Biofuel Day in \_\_\_\_\_ 2020. (+1, -0.25)
- a. July
  - b. August
  - c. May
  - d. October
- 

36. Who among the following won the Booker Prize for 2020? (+1, -0.25)
- a. Anna Burns
  - b. George Saunders
  - c. Douglas Stuart
  - d. Bernardine Evaristo
- 

37. Who became the global Chief Executive Officer (CEO) of Bata Shoe Organization? (+1, -0.25)
- a. Thomas George Bata
  - b. Alexis Nasard
  - c. Sandeep Kataria
  - d. Ashwani Windlass
- 

38. Which of the following annual events is primarily associated with the state of Odisha? (+1, -0.25)

- a. Hola Mohalla
  - b. Ambubachi Mela
  - c. Bali Yatra
  - d. Kang Chingba
- 

39. Which island country in the Arabian sea is a neighbour of India? (+1, -0.25)

- a. Maldives
  - b. Sri Lanka
  - c. Indonesia
  - d. Myanmar
- 

40. An Indian firm whose turnover is less than ₹ \_\_\_\_\_ crore is not subject to corporate tax as on November 2020. (+1, -0.25)

- a. 1.5
  - b. 2
  - c. 2.5
  - d. 1
- 

41. Which of the following monuments is located in Lucknow? (+1, -0.25)

- a. Mahabat Maqbara
- b. Ajanta Ellora Caves

- c. Golconda Fort
  - d. Bara Imambara
- 

42. Which of the following universities was the recipient of the 'Maulana Abul Kalam Azad (MAKA) Trophy' in the year 2020? (+1, -0.25)

- a. Punjabi University, Patiala
  - b. Punjab University, Chandigarh
  - c. Punjab Agricultural University, Ludhiana
  - d. Guru Nanak Dev University, Amritsar
- 

43. Which of the following is also known as Vitamin B2? (+1, -0.25)

- a. Riboflavin
  - b. Thiamine
  - c. Niacinamide
  - d. Cyanocobalamin
- 

44. Which of the following was a compilation of the teachings of Buddha in around 5<sup>th</sup> to 4<sup>th</sup> century BCE? (+1, -0.25)

- a. Tipitaka
- b. Ashtanga Hridayam
- c. Avesta

d. Tattvartha

---

45. Who is the chairman of Central Board of Indirect Taxes and Customs (CBIC)? (+1, -0.25)

a. Ashok Lavasa

b. Amit Shah

c. Rajiv Kumar

d. Vivek Johri

---

46. In which district of Punjab were the skeletal remains of the Indian soldiers, who were killed by the British troops for participating in the First War of Independence in 1857, exhumed in March 2014? (+1, -0.25)

a. Amritsar

b. Jalandhar

c. Bathinda

d. Patiala

---

47. Which city will host the 2021 Summer Paralympics from 24<sup>th</sup> August to 5<sup>th</sup> September? (+1, -0.25)

a. Tokyo

b. Beijing

c. Atlanta

d. Toronto

---

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

- a. Fiscal policy includes tax policy, expenditure policy, investment or disinvestment strategies and debt or surplus management.
  - b. Fiscal policy deals with the taxation and expenditure decisions of the government.
  - c. In most modern economies, the central bank deals with fiscal policy while the government is responsible for monetary policy.
  - d. Monetary policy deals with the supply of money in the economy and the rate of interest.
- 

49. Where is the ICAR–National Research Centre for Banana established? (+1, -0.25)

- a. Jalgaon, Maharashtra
  - b. Belgaum, Karnataka
  - c. Tiruchirappalli, Tamil Nadu
  - d. Hajipur, Bihar
- 

50. On the occasion of World Heart Day on 29<sup>th</sup> September 2020, established (+1, -0.25)

- by World Heart Federation (WHF), in conjunction with the World Health Organization (WHO) declared which heart disease as the number one cause of death on the planet?
- a. Cardiovascular disease (CVD)

- b.** Arrhythmia
- c.** Coronary artery disease (CAD)
- d.** Cardiomyopathy

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## Elementary Mathematics

51. Simplify the following expression.

(+1, -0.25)

$$\frac{\frac{1}{4} \div \frac{1}{2} \times 1\frac{1}{3}}{\frac{3}{4} \text{ of } 8 \div 2} + 6 \div 3 \times 2$$

- a.  $1\frac{1}{8}$
- b.  $4\frac{2}{9}$
- c.  $1\frac{2}{9}$
- d.  $4\frac{1}{8}$

52. The selling price of 8 articles is the same as the cost price of 12 articles.  
The profit percentage is:

(+1, -0.25)

- a. 25%
- b. 90%
- c. 27%
- d. 50%

53. The speed of a boat in still water is 9 km/h. If it takes the same time in going 35 km downstream as it takes in going 28 km upstream, then what is the speed (in km/h) of the stream?

(+1, -0.25)

- a. 1
- b. 0.5
- c. 1.5



d. 1.2

---

54. A sum of money is distributed among A, B, C and D in the ratio 4 : 7 : 11 : 13, respectively. If C gets Rs. 2,800 more than B, then the difference between A's share and D's share is: (+1, -0.25)

a. Rs. 5,200

b. Rs. 4,800

c. Rs. 6,300

d. Rs. 6,200

---

55. A certain sum amounts to Rs. 14,641 in 4 years at 10% p.a., when the interest is compounded annually. What will be the simple interest on the same sum in  $3\frac{1}{2}$  years at the same rate of interest? (+1, -0.25)

a. Rs. 4,200

b. Rs. 3,000

c. Rs. 2,800

d. Rs. 3,500

---

56. The volume of a right circular cone is  $924 \text{ cm}^3$  and its height is 18 cm. What is the perimeter (in cm) of the base of the cone? (Take  $\pi = \frac{22}{7}$ ) (+1, -0.25)

a. 33

b. 22

c. 44

---

d. 66

---

57. If 78% of a number A is equal to 32.5% of another number B, then what is the ratio of B to A? **(+1, -0.25)**

a. 12 : 5

b. 5 : 12

c. 4 : 7

d. 7 : 4

---

58. The expression  $2 \div 2 \text{ of } \frac{1}{2} + 2.5 \times 2 \div (5 \times \frac{3}{5} \text{ of } \frac{1}{3}) - 0.5 (2.5 - \frac{1}{2} \times 2 \div \frac{1}{2})$ , on simplification, gives the result: **(+1, -0.25)**

a. 0

b. 6.75

c. 1

d.  $\frac{2}{3}$

---

59. A shopkeeper buys goods at 20% discount. He allows 10% discount on the marked price to his customers. What is his profit percentage? **(+1, -0.25)**

a. 10%

b. 30%

c. 11.9%

d. 12.5%

---

60. The marked price of a watch is Rs. 700. A shopkeeper gives two successive discounts and sells the watch at Rs. 315. If the first discount is 10%, then the second discount will be: (+1, -0.25)

- a. 35%
- b. 25%
- c. 60%
- d. 50%

61. If the selling price of 12 articles is the same as the cost price of 15 articles, then what is the profit percentage? (+1, -0.25)

- a. 20%
- b. 25%
- c. 3%
- d. 27%

62. 8 taps having the same flow of water fill a tank in 27 minutes. After 3 minutes, 2 taps went out of service. The time taken to fill the tank by the remaining taps is: (+1, -0.25)

- a. 30 minutes
- b. 36 minutes
- c. 32 minutes
- d. 28 minutes

---

63. Twenty seven years ago, at the time of marriage, the average age of a couple was 25 years. Now they have a daughter of age 25 years. What is the average age of the family? (+1, -0.25)

- a. 43 years
- b. 36 years
- c. 41 years
- d. 52 years

---

64. Radha took a loan of Rs. 19,200 partly at 4% and the rest at 7% per annum simple interest. She paid a total of Rs. 5,520 after 5 years as interest. What is the difference of the money (in Rs.) borrowed at the two different rates of interest? (+1, -0.25)

- a. 3200
- b. 2000
- c. 3600
- d. 4000

---

65. A man covers a certain distance at a uniform speed in 5 hours. If he increases his speed by 1 km/h, then he takes 10 minutes less. What is the speed (in km/h) of the man? (+1, -0.25)

- a. 29
- b. 28
- c. 25

d. 30

---

66. A candidate got 41250 votes in an election and defeated his opponent by a margin of 7500 votes. If no votes were declared invalid and there were only two candidates, then what is the percentage of votes obtained by the winning candidate? **(+1, -0.25)**

a. 65

b. 55

c. 60

d. 75

---

67. A, B, and C working together can complete a work in 16 days. If A and B work together, they can complete the same work in 18 days. If B and C work together they can complete the same work in 24 days. In how many days can A and C complete the same work? **(+1, -0.25)**

a. 36

b. 21

c. 54

d. 26

---

68. The volume of a sphere is equal to the volume of a cylinder of radius 6 cm and height 8 cm. the diameter of the sphere is: **(+1, -0.25)**

a. 18 cm

b. 16 cm

---

c. 14 cm

d. 12 cm

---

69. The average age of the students in a school is 13.2 years. The average age of the boys is 14.4 years and that of the girls is 12.3 years. The ratio of the number of girls to that of boys is: (+1, -0.25)

a. 3 : 4

b. 4 : 1

c. 4 : 3

d. 1 : 4

---

70. Sushant gave 30% of the money he had to his wife. He also gave 18% of the remaining amount to each of his two sons. Three-fourth of the amount now left was spend on miscellaneous items and the remaining amount of Rs. 19,600 was deposited in the bank. How much money did Sushant have originally? (+1, -0.25)

a. Rs. 1,65,000

b. Rs. 1,75,000

c. Rs. 1,70,000

d. Rs. 1,80,000

---

71. What is the ratio of the fourth proportional to 5, 8, 15, and the third proportional to 12 and 30? (+1, -0.25)

a. 8 : 25

- b. 5 : 13
- c. 4 : 9
- d. 6 : 17

---

72. A gardener wants to plant trees in a garden. If the number of trees in each row is the same, and there are 105 or 210 or 315 or 525 rows, and after that, no trees left, then the least number of trees that were planted is: (+1, -0.25)

- a. 3150
- b. 2100
- c. 1000
- d. 1525

---

73. Gagan borrowed a sum of Rs. 2,500 at 8% per annum compound interest. He paid Rs. 1,000 at the end of the first year and Rs. 500 at the end of the second year. In order to clear his dues at the end of 4 years, how much (to a nearest rupee) will he have to pay? (+1, -0.25)

- a. Rs. 1,558
- b. Rs. 1,628
- c. Rs. 1,443
- d. Rs. 1,800

---

74. The least number which when divided by 6, 9, 15, 18, and 21 leaves a remainder 4 in each case, is: (+1, -0.25)

- a. 734
  - b. 636
  - c. 634
  - d. 624
- 

75. A salesman sold a watch at a loss of 9%. If the selling price had been increased by Rs. 140, there would have been a gain of 5%. What was the cost price of the watch? (+1, -0.25)

- a. Rs. 1,200
- b. Rs. 1,000
- c. Rs. 900
- d. Rs. 1,150

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## English

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

Beside doing the laundry, / Rakesh helped her / in cooking also / when she was ill.

- a. Beside doing the laundry
- b. in cooking also
- c. Rakesh helped her
- d. when she was ill

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

Commence

- a. Arise
- b. Conclude
- c. Begin
- d. Launch

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

Generous

- a. Helpful
- b. Charitable

- c. kind-hearted
  - d. Inconsiderate
- 

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

We must plant and \_\_\_\_\_ at least one tree every year.

- a. assemble
  - b. utilise
  - c. nurture
  - d. abolish
- 

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

If he were / to climb the tree / and bring the kitty down, / the child was happy.

- a. and bring the kitty down
  - b. the child was happy
  - c. to climb the tree
  - d. If he were
- 

81. 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)

We must prayed at the Almighty for the well-being of all family members.

- a. pray from
  - b. No substitution required
  - c. be praying at
  - d. pray to
- 

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

Jubilation

- a. Submission
  - b. Servitude
  - c. Rejoicing
  - d. Subjugation
- 

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

The Prime Minister as well as his ministers want peace in the country.

- a. have wanted
  - b. are wanting
  - c. wants
  - d. No substitution required
-

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

Sound reflected back as in mountains

- a. Ebony
  - b. Éclair
  - c. Eclipse
  - d. Echo
- 

85. 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)

He worked so hardly / that he won / the dance competition.

- a. that he won
  - b. He worked so hardly
  - c. the dance competition
  - d. No error
- 

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

the sound made by a crocodile

- a. Trumpet
- b. Growl

- c. Screech
  - d. Bellow
- 

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

- a. Conscious
  - b. Vicious
  - c. Courtious
  - d. Glorious
- 

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

To know what's what

- a. To be very rude
  - b. To know the facts of a situation
  - c. To be overconfident
  - d. To be in a difficult situation
- 

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

Every night, \_\_\_\_\_ going to bed, he thanked God for his gifts.

- a. before
- b. through
- c. soon

d. after

---

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

To rub salt in someone's wound

- a. To use salt as a remedy for a painful wound
  - b. To make a bad or painful situation worse
  - c. To help in bandaging a wound
  - d. To make a medicine for wounds
- 

91. Select the correctly spelt word. (+1, -0.25)

- a. Recaptulate
  - b. Lifelesness
  - c. Incredulous
  - d. Synergizm
- 

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

Represent something as larger, better or worse than it really is

- a. Ridicule
- b. Applaud
- c. Boast

d. Exaggerate

---

93. 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 plant will die unless you will water it every day.

- a. are watering
  - b. water
  - c. would water
  - d. No substitution required
- 

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

Excerpt

- a. Abstract
  - b. Interval
  - c. Extract
  - d. Blurb
- 

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

The \_\_\_\_\_ has created a havoc in the whole world.

- a. pandemic
- b. prefix

- c. pantomime
- d. panorama

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)

I had a little cottage. There were vines (1)\_\_\_\_\_ on it. They looked pretty with the evening sun on (2)\_\_\_\_\_. My wife was very ill, we had no food (3)\_\_\_\_\_. I could get no work and my wife, Jeanette, was (4)\_\_\_\_\_ so I stole to buy her food. They caught me. I (5)\_\_\_\_\_ with them and told them why I stole but they laughed at me. I was sentenced to 10 years in prison.

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

- a. developing
- b. swelling
- c. growing
- d. planting

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)

I had a little cottage. There were vines (1)\_\_\_\_\_ on it. They looked pretty with the evening sun on (2)\_\_\_\_\_. My wife was very ill, we had no food (3)\_\_\_\_\_. I could get no work and my wife, Jeanette, was (4)\_\_\_\_\_ so I stole to buy her food. They caught me. I (5)\_\_\_\_\_ with them and told them why I stole but they laughed at me. I was sentenced to 10 years in prison.



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

- a. them
- b. us
- c. her
- d. it

---

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)

I had a little cottage. There were vines (1) \_\_\_\_\_ on it. They looked pretty with the evening sun on (2) \_\_\_\_\_. My wife was very ill, we had no food (3) \_\_\_\_\_. I could get no work and my wife, Jeanette, was (4) \_\_\_\_\_ so I stole to buy her food. They caught me. I (5) \_\_\_\_\_ with them and told them why I stole but they laughed at me. I was sentenced to 10 years in prison.

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

- a. to eat
- b. to be eating
- c. for eating
- d. to ate

---

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)

I had a little cottage. There were vines (1)\_\_\_\_\_ on it. They looked pretty with the evening sun on (2)\_\_\_\_\_. My wife was very ill, we had no food (3)\_\_\_\_\_. I could get no work and my wife, Jeanette, was (4)\_\_\_\_\_ so I stole to buy her food. They caught me. I (5)\_\_\_\_\_ with them and told them why I stole but they laughed at me. I was sentenced to 10 years in prison.

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

- a. dying
- b. expiring
- c. vanishing
- d. falling

---

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)

I had a little cottage. There were vines (1)\_\_\_\_\_ on it. They looked pretty with the evening sun on (2)\_\_\_\_\_. My wife was very ill, we had no food (3)\_\_\_\_\_. I could get no work and my wife, Jeanette, was (4)\_\_\_\_\_ so I stole to buy her food. They caught me. I (5)\_\_\_\_\_ with them and told them why I stole but they laughed at me. I was sentenced to 10 years in prison.

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

- a. pleaded
- b. pretended
- c. promised
- d. preyed

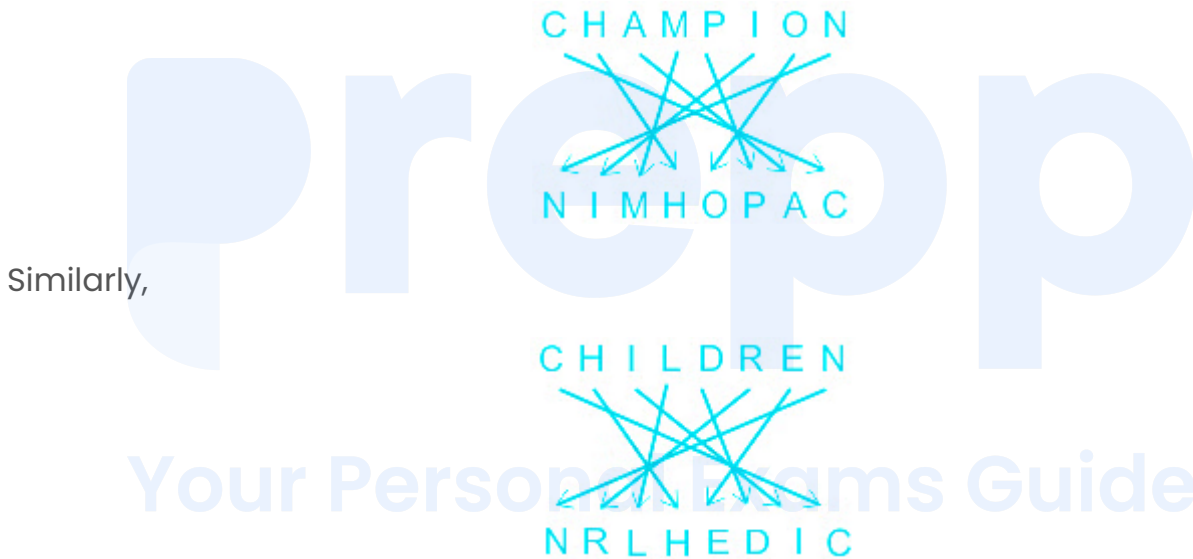
## Answers

### 1. Answer: b

#### Explanation:

The logic followed here is:

The letters present at even numbered position when counting from left to right are positioned in reverse order starting from left to right. After that the letters present at odd numbered position when counting from left to right are positioned in reverse order starting from left to right.

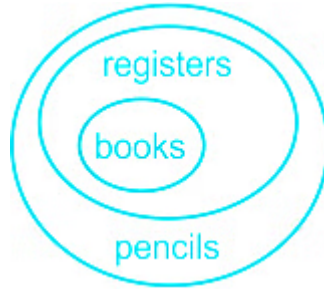


Hence, 'NRLHEDIC' is the correct answer

### 2. Answer: d

#### Explanation:

The least possible Venn diagram is:



Conclusions:

I. All books are pencils. → **Follow** (As, All books are registers and All registers are pencils)

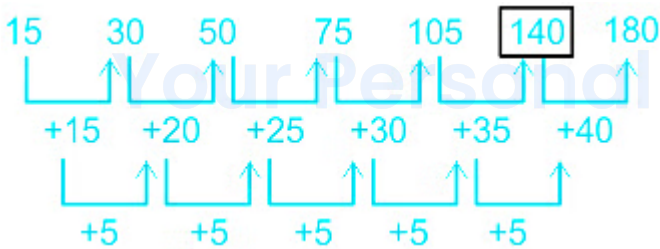
II. No register is a pencil. → Does not follow (As, All registers are pencils)

Hence, **Only conclusion I follows** .

**3. Answer: c**

**Explanation:**

The logic followed here is:



hence, '140' is the correct answer.

**4. Answer: d**

**Explanation:**

Let the number be a.

According to question:

$$a + (a + 1) + 2(a + 1) = 35$$

$$\Rightarrow a + a + 1 + 2a + 2 = 35$$

$$\Rightarrow 4a + 3 = 35$$

$$\Rightarrow 4a = 35 - 3$$

$$\Rightarrow 4a = 32$$

$$\Rightarrow a = 32 \div 4$$

$$\Rightarrow a = 8$$

Therefore, the number is 8.

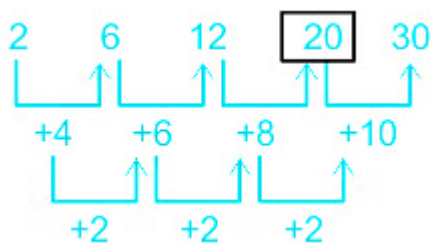
Hence, '8' is the correct answer.

---

5. Answer: a

Explanation:

The logic followed here is:



Hence, '20' is the correct answer.

---

6. Answer: b

Explanation:

The logic followed here is:

- Inflation is antonym of Deflation.

Similarly,

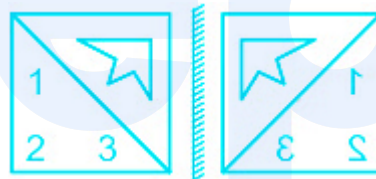
- Quick is antonym of Sluggish.

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

**7. Answer: c**

**Explanation:**

The correct mirror image of the given figure when the mirror is placed to the right side of the figure is shown below:



Hence, '**option 3**' is the correct answer.

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**8. Answer: b**

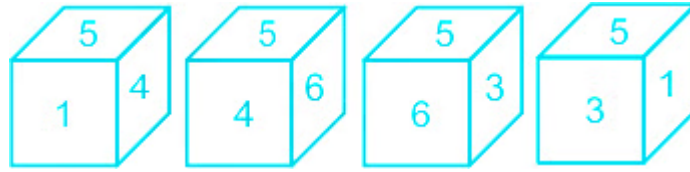
**Explanation:**

From the three different positions of the same dice shown, it is clear that 5 is adjacent to 1, 4, 6 and 3.



The position of the next rotation will have 3 in the front face and 1 at right hand side position.

So, the position of the next rotation will be similar to dice shown in option 2.



Hence, 'option 2' is the correct answer.

9. Answer: d

Explanation:

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

The logic followed here is:

$$\begin{aligned}
 &T \xrightarrow{+2} V \xrightarrow{+3} Y \xrightarrow{+4} C \xrightarrow{+5} H \\
 &H \xrightarrow{+2} J \xrightarrow{+3} M \xrightarrow{+4} Q \xrightarrow{+5} V
 \end{aligned}$$

Hence, 'CQ' is the correct answer.

10. Answer: b

Explanation:

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

The logic followed here is:

1.  $KMNL \rightarrow K + 2 = M; M + 1 = N; N - 2 = L$
2.  $OQSP \rightarrow O + 2 = Q; Q + 2 = S; S - 3 = P$
3.  $RTUS \rightarrow R + 2 = T; T + 1 = U; U - 2 = S$
4.  $JLMK \rightarrow J + 2 = L; L + 1 = M; M - 2 = K$

Hence, 'OQSP' is the odd one out.

## 11. Answer: c

### Explanation:

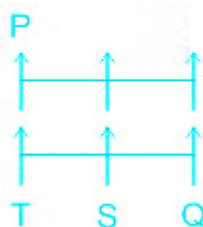
Six girls, P, Q, R, S, T and U are sitting in two lines, one line behind the other line.

All the girls are facing north.

In the front line there are three girls.

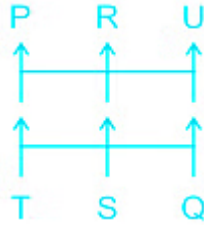
The remaining girls are sitting in the second line.

1. S is sitting to the immediate left of Q.
2. S is between T and Q.
3. T is just behind P.





4. R is sitting to the immediate left of U.



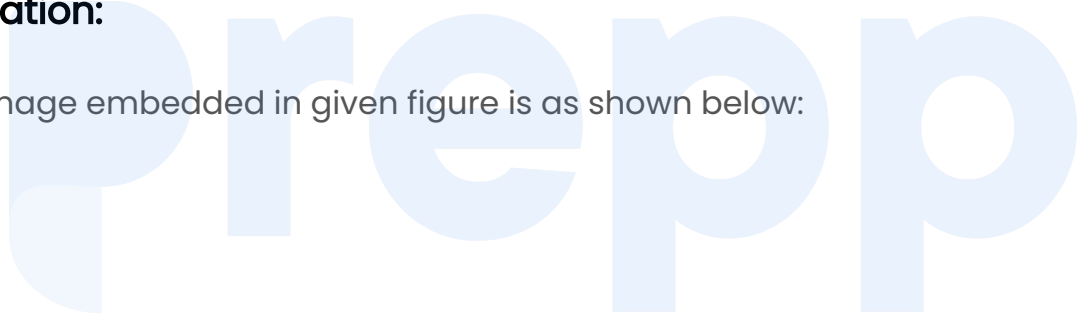
Clearly, S is sitting just behind R.

Hence, 'S' is the correct answer.









12. Answer: a

Explanation:

The image embedded in given figure is as shown below:



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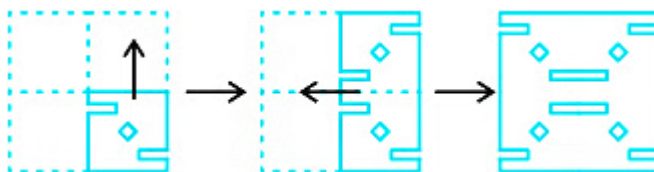
No.	Option	Question	Answer
1.			Embedded
2.			Not Embedded
3.			Not Embedded
4.			Not Embedded

Hence, 'option 1' is the correct answer.

13. Answer: d

Explanation:

The paper when unfolded will appear as shown below:



Hence, 'option 4' is the correct answer.

14. Answer: a

Explanation:

The correct option that indicates the arrangement of the given words in the order in which they appear in an English dictionary is:

- 1. Prelude
- 2. Pressure
- 3. Presume
- 4. Product
- 5. Profess

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

15. 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:

- |   |      |     |     |           |
|---|------|-----|-----|-----------|
| A | N    | G   | E   | R         |
| ↓ | ↓    | ↓   | ↓   | ↓         |
| 1 | + 14 | + 7 | + 5 | + 18 = 45 |

Similarly,

- |   |      |      |     |           |
|---|------|------|-----|-----------|
| C | R    | U    | E   | L         |
| ↓ | ↓    | ↓    | ↓   | ↓         |
| 3 | + 18 | + 21 | + 5 | + 12 = 59 |

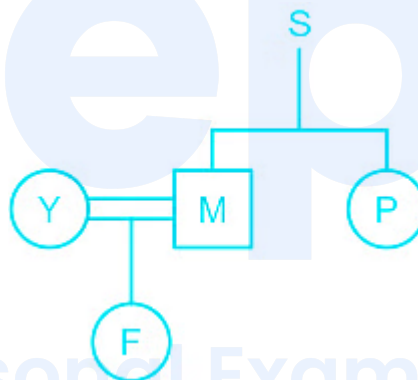
Hence, '59' is the correct answer.

16. Answer: b

**Explanation:**

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

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



Clearly, Y is wife of M.

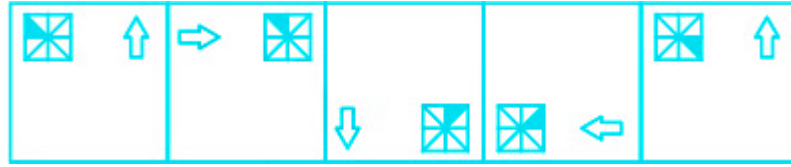
Hence, 'Wife' is the correct answer.

17. Answer: a

**Explanation:**

The square box is changing its position by shifting 90° in clockwise direction, while the shaded triangle in the square box is changing its position by rotating in clockwise direction.

The arrow is also changing its position by shifting 90° in anti clockwise direction and the arrow itself rotates in 90 ° clockwise direction each time its changes its position.



Hence, ' option 1 ' is the correct answer.

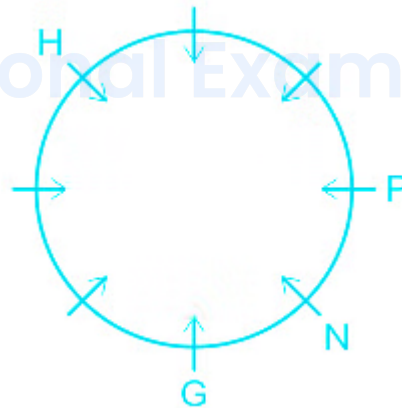
18. Answer: b

Explanation:

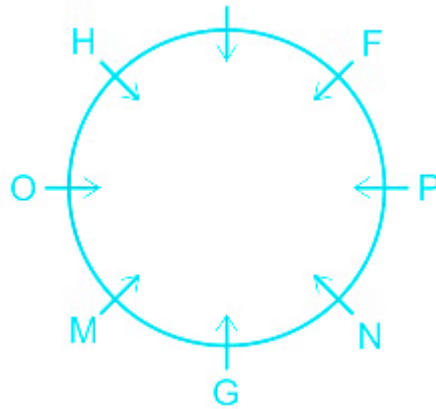
M, N, O and P are sitting at an equal distance from each other around a round office table.

E, F, G and H have also joined the meeting.

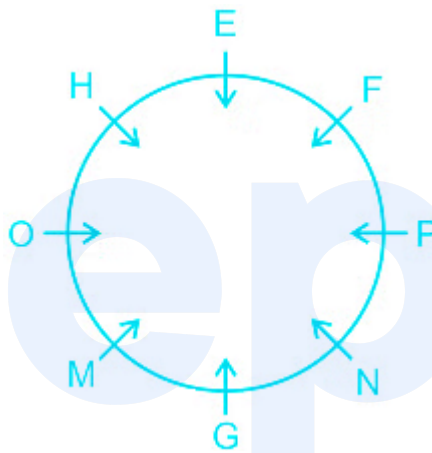
1. P is sitting second to the right of G and third to the left of H.
2. N is opposite to H.



3. M is sitting opposite to F and between O and G.



As E is the only person left, E will occupy the vacant position.



Clearly, P and E are sitting adjacent to F.

Hence, 'P, E' is the correct answer.

**19. Answer: d**

**Explanation:**

The logic followed here is:

**Logic:** 1st Number  $\times$  11 + 8 = 2nd Number

- 9 : 107  $\rightarrow$   $9 \times 11 + 8 = 99 + 8 = 107$

Similarly,

- $8 : ? \rightarrow 8 \times 11 + 8 = 88 + 8 = 96$

Hence, '96' is the correct answer.

**20. Answer: a**

**Explanation:**

The logic followed here is:

**Given:** 5 (7 S 3) D 3 (8 P 6) V 7 D 11 (3 S 13 S 2) P 2 (41 S 9)

The codes are as follows:

Letters	P	D	S	V
Meaning	+	-	×	÷

$$5.(7 \times 3) - 3.(8 + 6) \div 7 - 11.(3 \times 13 \times 2) + 2.(41 \times 9)$$

$$= 5 \times 21 - 3 \times 14 \div 7 - 11 \times 78 + 2 \times 369$$

$$= 5 \times 21 - 3 \times 2 - 11 \times 78 + 2 \times 369$$

$$= 105 - 6 - 858 + 738$$

$$= 843 - 6 - 858$$

$$= 843 - 864$$

$$= - 21$$

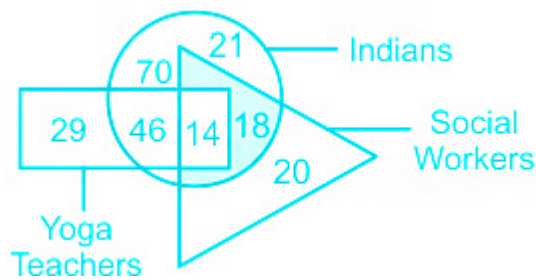
Hence, ' - 21 ' is the correct answer.



21. Answer: d

Explanation:

Indian social workers who are NOT yoga teachers is shown below:



Hence, '18' is the correct answer.

22. Answer: d

Explanation:

The logic followed here is:

Logic: (In a row) 1st number  $\times$  2 + 2nd Number = 3rd Number

- Row 1:  $14 \times 2 + 10 = 28 + 10 = 38$
- Row 2:  $15 \times 2 + 20 = 30 + 20 = 50$

Similarly,

- Row 3:  $16 \times 2 + 30 = 32 + 30 = 62$

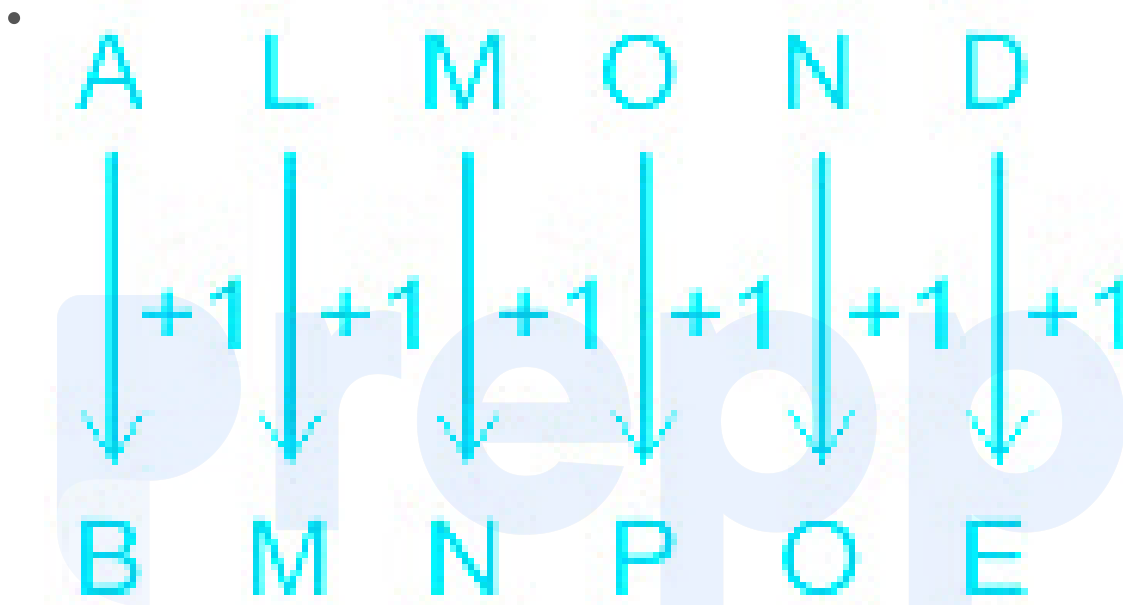
Hence, '62' is the correct answer.

23. Answer: c

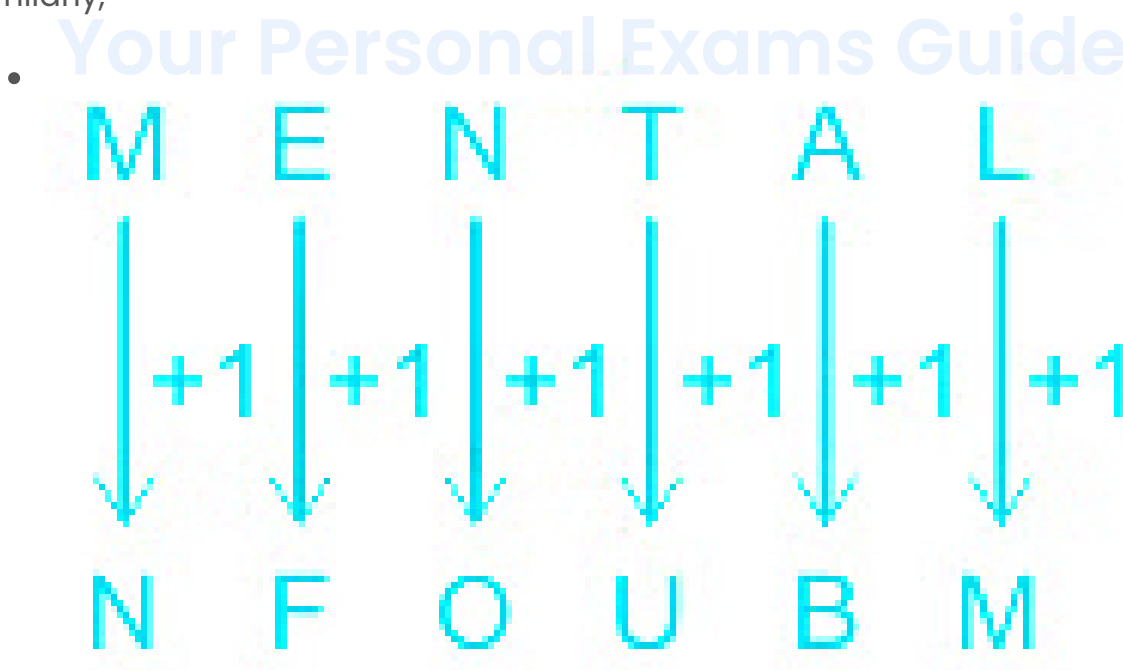
Explanation:

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

The logic followed here is:



Similarly,



Hence, 'NFOUBM' is the correct answer.

**24. Answer: c**

**Explanation:**

Given sequence: Y \_ D P \_ A \_ P Y A D \_ Y A \_ P

1. PYDPD → Y P D P - Y A D P - Y A D P - Y A D P → Does not form a pattern
2. AYDPY → Y A D P - Y A D P - Y A D P - Y A Y P → Does not form a pattern
3. AYDPD → Y A D P - Y A D P - Y A D P - Y A D P → Form a pattern
4. AYPDY → Y A D P - Y A P P - Y A D D - Y A Y P → Does not form a pattern

- In option 3, YADP is repeated.

Hence, 'AYDPD' is the correct answer.

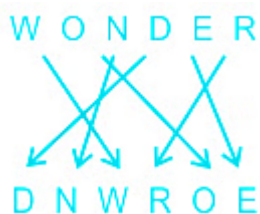
**25. Answer: b**

**Explanation:**

The logic followed here is:



Similarly,



Hence, 'DNWROE' is the correct answer.

---

26. Answer: c

Explanation:

The correct answer is MS Subbulakshmi.

★ Key Points

- **MS Subbulakshmi** was the **first musician** ever to be awarded the **Bharat Ratna**, India's highest civilian honour .
- MS Subbulakshmi was awarded by **Bharat ratna** in **1998**.
- MS Subbulakshmi was an Indian Carnatic singer from **Madurai, Tamil Nadu** .
- She has recorded songs in over a thousand Hindi films and has sung songs in almost all Indian regional languages and foreign languages, though primarily in Marathi, Hindi, and Bengali.
- **France** conferred her its highest civilian award (**Officer of the Legion of Honour** ) in 2007.

★ Important Points

- The **Bharat Ratna** is the highest civilian award of the Republic of India.
    - Established: 2 January 1954
    - First awarded: 1954: C. Rajagopalachari; Sarvepalli Radhakrishnan; C. V. Raman
    - Total: 48
    - **Last awarded** : 2019: Nanaji Deshmukh (Posthumous), Bhupen Hazarika (Posthumous); Pranab Mukherjee.
  - There is no Bharat Ratna award given in **2020** and **2021**.
- 

27. Answer: a

Explanation:

The correct answer is Tamil Nadu.

★ Key Points

- **Thervoy Kandigai-Kannankottai** reservoir is situated in **Tamil Nadu**.
- Thervoy Kandigai reservoir is the fifth major reservoir built to satisfy the drinking water needs of Chennai city.
- The reservoir was constructed by combining Thervoy Kandigai and Kannankottai lakes in the Thiruvallur district.
- It was commissioned by **Amit Shah**, Internal Affairs minister of India, on **November 21, 2020**.

★ Additional Information

- Tamil Nadu is famed for its Dravidian-style Hindu temples.
- On Pamban Island, Ramanathaswamy Temple is a pilgrimage site.
- **Tamil Nadu:**
  - Governor: R. N. Ravi (Sept 2022)
  - Capital: Chennai
  - Chief minister: M. K. Stalin
  - Population: 6.79 crores (2012)
  - Language: Tamil

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28. **Answer: c**

**Explanation:**

The correct answer is South Africa.

★ Key Points

- **South Africa** has won the Rugby World Cup 2019.
- It was the third time South Africa won the World Cup
- South Africa won the Rugby World Cup in 2019 after a 32-12 victory over England in Japan.

- The South Africa National Rugby Union Team is commonly known as the Springboks.

★ Important Points

- South Africa, on the continent's southern tip, is bordered by the Atlantic Ocean on the west and by the Indian Ocean on the south and east.
  - President: Cyril Ramaphosa (Sept 2022)
  - Currency: South African rand
  - Population: 5.93 crores (2020)
  - Official languages: Afrikaans, English, Xhosa, Zulu, Southern Sotho, etc.

★ Additional Information

- The Rugby World Cup is a men's rugby union tournament contested every four years between the top international teams.
  - Founded: 1987
  - Next World Cup: Fri, 8 Sept 2023 – Sat, 28 Oct 2023
  - Number of teams: 20
  - Holders: South Africa (2019)

---

29. Answer: b

Explanation:

The correct answer is 22.

★ Key Points

- The **Saraswati Samman** is an annual award given for outstanding prose or poetry literary works in **22 Indian Languages** .
- The Saraswati Samman is an annual award for poetry literary works in any 22 Indian languages listed in **Schedule VIII** of the Constitution of India.
- **Ramdarsh Mishra** was honoured with Saraswati Samman for **2021** for his collection of poems ' **In Toh Here Hoon** ' on April 7, 2022.

★ Additional Information

- **Saraswati Samman**
  - Date: 1991
  - First winner: Harivansh Rai Bachchan
  - Location: Delhi
  - Most recent winner: Ram Darash Mishra
  - Reward(s): ₹15,00,000
  - Sponsored by: K. K. Birla Foundation

---

30. **Answer: a**

**Explanation:**

The correct answer is Rajhara Hills.

★ Key Points

- On **Rajhara Hills** American geologist Charles Weld and Dorabji Tata find iron ores.
- In 1904 Charles Weld, and Dorabji Tata, the eldest son of Jamsetji Tata, were travelling in Chhattisgarh in search of iron ore deposits.

★ Important Points

- **Tata Steel Limited** is an Indian multinational steel-making company, based in Jamshedpur, Jharkhand and headquartered in Mumbai, Maharashtra.
  - Founder: Jamsetji Tata (Rustomji Jamshedji Dorabji Jamshedji)
  - CEO: T. V. Narendran (31 Oct 2017–Present)
  - Total assets: 2.86 lakh crores INR (US\$38 billion, 2022)
  - Founded: 25 August 1907, Jamshedpur
  - Subsidiaries: Tata Steel Europe, Tata Steel BSL, etc.

---

31. **Answer: a**

**Explanation:**

The correct answer is Electromagnetic.

★ Key Points

- **Electromagnetic** waves are not a characteristic of a sound wave.
- Electromagnetic waves differ from mechanical waves in that they do not require a medium to propagate.
- This means that electromagnetic waves can travel not only through the **air and solid materials but also through the vacuum of space** .
- **Radio waves ,microwaves ,infrared ,light ,ultraviolet, X-rays , and gamma rays ,** all of these waves form part of the electromagnetic spectrum.

★ Additional Information

- A sound wave is the pattern of disturbance caused by the energy travelling away from the source of the sound. Sound waves are longitudinal waves.
- The sound waves travel **the fastest through solids**.
- The speed of sound is the **lowest in gases**.
- The number of rarefactions and compressions that occur per unit of time is known as the frequency of a sound wave.

---

32. **Answer: c**

**Explanation:**

The correct answer is economically weaker sections .

★ Key Points

- The **103rd Amendment** of the Constitution of India **provides reservation for economically weaker sections** in government jobs and educational institutions.
- The constitutional provision to provide **10 per cent reservation** in government jobs and education to the economically backward section in the general category.
- The Act amends **Articles 15 and 16** of the Constitution, by adding a clause which allows states to make, special provisions for the advancement of any



economically weaker sections of citizens.

★ Additional Information

- **The Constitution of India is the supreme law of India .**
- The Constitution of India which was adopted by the **Constituent Assembly on 26th November 1949** and came into force on **26th January 1950 .**
- The Constitution provides for a **Parliamentary form of government** which is federal in structure with certain unitary features.
- The constitutional head of the Executive of the Union is the **President of India .**
- As per **Article 79** of the Constitution of India, the council of the Parliament of the Union consists of the President and two Houses are known as the **Council of States (Rajya Sabha)** and the **House of the People (Lok Sabha)**.

33. **Answer: a**

**Explanation:**

The correct answer is 1675.

★ Key Points

- In the year **1675** Ninth Guru of the Sikhs, **Shri Guru Teg Bahadur** executed by the Mughal emperor **Aurangzeb .**
- Guru Teg Bahadur was the **ninth of ten Gurus** who founded the **Sikh religion,**
- Aurangzeb beheaded Guru Teg Bahadur on **24 November 1675 ,** in front of a massive crowd.
- **Gurdwara Sis Ganj Sahib in Chandni Chowk** marks the place of his execution.

★ Additional Information

- **Sikhism** was established by **Guru Nanak (1469–1539) .**
- Sikhism was founded around the end of the 15th century.
- Guru Nanak composed many hymns, which were collected in the **Adi Granth** by **Guru Arjan .**

- Sikhism, also known as Sikh Dharma, is an Indian religion that originated in the Punjab region of the Indian subcontinent..
  - The final contribution of the Gurus came with **Guru Gobind Singh** .
- 

**34. Answer: a**

**Explanation:**

The correct answer is Freya Thakral.

★ Key Points

- Freya Thakral was awarded **Diana Award 2020** .
- Freya Thakral has received the 2020 Diana Award for her “**Recycler App**” .
- She developed this App to connect users with waste handlers **as a measure to help the ragpickers** of Delhi.
- This recycler App is a web-based **mobile application** which connects users with waste handlers.

★ Additional Information

- The Diana Award was established in **1999** in memory of **Princess Diana of the United Kingdom** .
  - The award is to recognize the **Social works and Humanitarian efforts of youngsters** around the world.
  - The award is given on July 1st to commemorate the birth anniversary of **Princess Diana**.
- 

**35. Answer: b**

**Explanation:**

The correct answer is August.

★ Key Points

- **World Biofuel Day** is observed on **August 10** .
- Every year to create awareness about the **non-conventional sources of energy** that could be used as an alternative to fossil fuels.
- **The theme for 2020 :Biofuels towards Atmanirbhar Bharat** .
- The Biofuels programme is also in synergy with the Government of India's initiative of **Atmanirbhar Bharat** .

★ Additional Information

- **Biofuel** is a fuel that is produced over a short time span from biomass.
- Biofuels are a class of **renewable energy** derived from living materials.
- The most common biofuels are **corn ethanol ,biodiesel** , and **biogas** from organic by-products.
- Energy from renewable resources puts less strain on the limited supply of fossil fuels, which are considered **nonrenewable resources** .

---

36. **Answer: c**

**Explanation:**

The correct answer is Douglas Stuart .

★ Key Points

- **Douglas Stuart** has won the Booker prize for his first novel, **Shuggie Bain** .
- The story based on his own life that follows a boy growing up in poverty in 1980s Glasgow.
- He is the **second Scottish** personality to win this award after **James Kelman** took the prize in 1994.
- **Damon Galgut** has won the **Booker Prize 2021** (Book-The Promise).

★ Additional Information

- The Booker Prize, formerly known as the Booker Prize for Fiction and the Man Booker Prize.

- It is awarded each year for the best novel written in English and published in the United Kingdom or Ireland.
  - **The Booker Prize:**
    - Established: 1969
    - First awarded: 1969
    - Related award: The Golden Man Booker
    - Category: Booker Prize
- 

**37. Answer: c**

**Explanation:**

The correct answer is Sandeep Kataria.

★ Key Points

- **Sandeep Kataria** became the global Chief Executive Officer (CEO) of Bata Shoe Organization.
- Sandeep Kataria joined Bata in 2020 as its chief executive officer after serving as a chief commercial officer at Vodafone.
- In his nearly 25-year-long career, the IIT-Delhi alumni, has worked across large consumer-facing businesses including Hindustan Unilever.

★ Important Points

- **The Bata Corporation** is a multinational footwear, apparel and fashion accessories manufacturer.
    - Founded: 24 August 1894, Zlín, Czechia
    - Customer service: 1800 419 2282
    - Headquarters: Lausanne, Switzerland
    - CEO: Sandeep Kataria (Dec 2020–Present)
    - Founder: Tomáš Baťa
- 

**38. Answer: c**

## Explanation:

The correct answer is Bali Yatra.

### ★ Key Points

- **Bali Yatra** is the annual event associated with the state of **Odisha**.
- Bali Yatra is a festival that commemorates the **rich maritime history of Odisha**.
- A week-long event is organized starting from the day of the full moon day in the month of Kartik (October–November).
- Bali Yatra is believed to be the largest open-air fair in the state of Odisha.

### ★ Additional Information

- Odisha is **an Indian state located in Eastern India**.
- It is the 8th largest state by area and **the 11th largest by population**.
- The state has **the third largest population of Scheduled Tribes** in India.
- It neighbours the states of West Bengal and Jharkhand to the north, Chhattisgarh to the west, and Andhra Pradesh to the south.
- **Odisha** :
  - Governor: Ganeshi Lal (Sept 2022)
  - Capital: Bhubaneswar
  - Population: 4.37 crores (2014)
  - Chief minister: Naveen Patnaik

---

## 39. Answer: a

## Explanation:

The correct answer is Maldives.

### ★ Key Points

- **Maldives** island country in the Arabian sea is a neighbour of India.
- The Maldives is a nation of islands in the Indian Ocean, that spans the equator.
- The country is comprised of 1192 islands.

- The Maldives lies **southwest of Sri Lanka and India**, about 750 kilometres from the Asian continent's mainland.
- **Maldives:**
  - Capital: Malé
  - President: Ibrahim Mohamed Solih
  - Continent: Asia
  - Population: 5.41 lakhs (2020)
  - Currencies: United States Dollar, Maldivian rufiyaa
  - Official language: Dhivehi

### ★ Confusion Points

- **Srilanka** lies in the Indian Ocean.
- **Indonesia** is a country in Southeast Asia and Oceania between the Indian and Pacific oceans.
- Myanmar is located in South-east Asia.

---

40. Answer: d

### Explanation:

The correct answer is 1.

### ★ Key Points

- An Indian firm whose turnover is **less than ₹ 1 crore** is not subject to corporate tax as on November 2020.
- Corporate tax is the tax imposed **by the Government of India** on the net income or profit that corporate enterprises make from their businesses.
- It is a tax imposed **on the net income of the company**.

### ★ Important Points

- Corporate Income Tax is **a Direct Tax**.
- The tax is imposed at a specific rate as per the provisions of the Income Tax Act, 1961.

- In most nations, the Corporate Tax is **levied at a national level** and can also be levied at a State or local level.
- Private and public companies registered in India under the Companies Act are liable to pay corporate tax.
- Minimum Alternate Tax (MAT) is **not applicable to such companies**.
  - The Minimum Alternate Tax is a measure to include all companies in the income tax loop.
  - The MAT ensures that no company can avoid paying income tax, even after claiming exemptions.

---

41. Answer: d

**Explanation:**

The correct answer is Bara Imambara.

★ Key Points

- **Bara Imambara** is located in **Lucknow, Uttar Pradesh** .
- Bara Imambara, also known as **Asafi Imambara** .
- The Bara Imambara complex in Lucknow was built by **Asaf-ud-Daula, Nawab of Awadh in 1784** .
- The building also includes the large **Asfi mosque** ,the **Bhul-bhulaiya** (the labyrinth), and **Bowli** .

★ Additional Information

- **Uttar Pradesh** is a state in northern India.
  - Land area: 243,286 km<sup>2</sup>
  - Established:1950
  - Governor: Anandi ben Patel (Sept 2022 )
  - Capital: Lucknow
  - Population: 20.42 crores (2012)
  - Chief minister: Yogi Adityanath (Sept 2022)

## 42. Answer: b

### Explanation:

The correct answer is Punjab University, Chandigarh.

#### ★ Key Points

- Punjab University, Chandigarh was the recipient of the ' **Maulana Abul Kalam Azad (MAKA) Trophy** ' in the year **2020** .
- **Punjab University Chandigarh** has won the trophy 15 times.
- The MAKA Trophy instituted in years 1956-57 is a rolling trophy awarded to the overall top performing University in sports.
- This running trophy is awarded by the President of India.

#### ★ Additional Information

- **Punjab** has always been landed of great saints and fighters. Punjab is the place of **Sikhism**.
  - Land area: 50,362 km<sup>2</sup>
  - Capital: Chandigarh
  - Governor: Banwarilal Purohit (Sept 2022)
  - Chief minister: Bhagwant Mann

## 43. Answer: a

### Explanation:

The correct answer is Riboflavin.

#### ★ Key Points

- **Riboflavin** is also known as Vitamin B2.
- Riboflavin is a vitamin found in food and sold as a **dietary supplement** .



- It is essential to the formation of two major coenzymes, flavin mononucleotide and flavin adenine dinucleotide.
- People most commonly use riboflavin to prevent riboflavin deficiency, for **migraine, and for high levels of homocysteine in the blood** .
- Formula:  $C_{17}H_{20}N_4O_6$

★ Additional Information

- **Riboflavin**
  - Melting point: 280 °C
  - Molar mass: 376.36 g/mol
  - Formula:  $C_{17}H_{20}N_4O_6$
  - Other names: lactochrome, lactoflavin, vitamin G
  - Excretion: Urine

44. Answer: a

**Explanation:**

The correct answer is Tipitaka.

★ Key Points

- The Tipitaka is a collection of Buddhist teachings that are the foundation of the **Theravada Buddhist philosophy** .
- It's the earliest grouping of **Buddhist teachings**.
- The Tipitaka is also known as the **Tripitaka** , from the Pali words, ti, meaning " **three** ," and Pitaka, meaning " **baskets** ."
- Theravada Buddhism describes the Tripitaka as **Buddhavacana** or the word of the Buddha, as it contains the teachings of the Buddha and his disciples.
- The content was gathered and organized at the **First Buddhist Council** .

★ Important Points

- Gautam Buddha was the founder of Buddhism and is revered by Buddhists as a fully enlightened being who taught a path to Nirvana.

- Besides "Buddha" and the name Siddhārtha Gautama, he was also known by other names and titles, such as **Shakyamuni ("Sage of the Shakyas")**.
- **Gautam Buddha:**
  - Born: Lumbini Province, Nepal
  - Died: Kushinagar
  - Full name: Siddhartha Gautama
  - Spouse: Yasodhara

---

45. Answer: d

**Explanation:**

The correct answer is Vivek Johri.

★ Key Points

- **As of September 2022, Vivek Johri** is the Chairman of the Central Board of Indirect Taxes & Customs.
- **Central Board of Indirect Taxes & Customs (CBIC)** works under the Department of Revenue, Ministry of Finance.
- It is responsible for the formulation of policy relating to the levy and collection of Indirect taxes.
- It mostly formulates Customs duty, Central Excise duty Central Goods and Service tax.

★ Additional Information

- Direct tax in the form an income tax was introduced by **Sir James Wilson** in India in 1860
- It was introduced to overcome the difficulties created **by the Indian Rebellion of 1857**.
- **The Central Board of Direct Taxes** was constituted as a statutory body under the Central Board of Revenue Act, 1963.

46. Answer: a

**Explanation:**

The correct answer is Amritsar.

★ Key Points

- The skeletal remains of the Indian soldiers, who were killed by the British troops for participating in the First War of Independence in 1857, exhumed in March 2014 were found in **Amritsar, Punjab** .
- The skeletons of 282 Indian soldiers who participated in the country's **First War of Independence in 1857** were found during the excavation.

★ Additional Information

- The 1857 revolt was called the First War of Independence by some historians.
- Some Indian sepoys recruited in the British Indian army had revolted against the use of pork and beef-greased cartridges citing religious beliefs.
- The rebellion began on 10 May 1857 as a mutiny by soldiers of the Company's army in the garrison town of Meerut.

Important leader Associated with the Revolt of 1857 :

Your Personal Exams Guide

Places of Revolt	Indian Leaders	British Officials who suppressed the revolt
Delhi	Bahadur Shah II	<b>John Nicholson</b>
Lucknow	Begum Hazrat Mahal	Henry Lawrence
Kanpur	Nana Saheb	Sir Colin Campbell
Jhansi & Gwalior	Lakshmi Bai & Tantia Tope	General Hugh Rose
Bareilly	Khan Bahadur Khan	Sir Colin Campbell
Allahabad and Banaras	Maulvi Liyakat Ali	Colonel Ocell
Bihar	Kunwar Singh	William Taylor

- **Punjab** is a state in Northwestern India, bordering **Himachal Pradesh , Jammu, Kashmir, Haryana, and Rajasthan.**
- **Punjab:**
  - Capital: Chandigarh
  - Governor: Banwarilal Purohit
  - Chief minister: Bhagwant Mann

**47. Answer: a**

**Explanation:**

The correct answer is Tokyo.

★ **Key Points**

- **Tokyo** is set to host the Tokyo Paralympic Games between **August 24 and September 5, 2021**.

- The Olympic Stadium in Tokyo witnessed approximately 4,400 para athletes participate across 540 events in 22 sports in the 16th Summer Paralympic Games.
- The Events were confirmed by the **International Olympic Committee (IOC)**, **Tokyo 2020 Organizing Committee** , Tokyo Metropolitan Government and the **International Paralympic Committee (IPC)**.

★ Additional Information

- **Japan** is an island country in **East Asia** .
- It is situated in the northwest Pacific Ocean and is bordered on the west by the Sea of Japan.
  - Emperor: Naruhito
  - Capital: Tokyo
  - Prime minister: Fumio Kishida (Sept 2022)
  - Currency: Japanese yen
  - Population: 12.58 crores (2020)

---

48. **Answer: c**

**Explanation:**

The correct answer is In most modern economies, the central bank deals with fiscal policy while the government is responsible for monetary policy.

★ Key Points

- In most Modern economies ,Central Bank deals with the Monetary Policy and Central Government deals with the fiscal policy .
- Fiscal policies are managed **by the governmental departments** and aim to improve the economic output of the country.
- While monetary policies are managed by the central bank and aim **to keep the inflation levels under control.**

**The fiscal policy** is concerned with the increasing of government revenue and Government Budget increasing expenditure.

- To generate revenue and **to increase expenditures, the government finance or policy** called Budgeting policy or fiscal policy.
- The Union Budget 2022 has signalled the emphasis on the Development Financial Institutions (DFIs) in the pursuit of long-term infrastructure creation **for the revival of the economy.**

★ Important Points

- **Main objectives of Fiscal Policy in India:**
  - **Economic growth:** Fiscal policy helps maintain the economy's growth rate so that certain economic goals can be achieved.
  - **Price stability:** It controls the price level of the country so that when the inflation is too high, prices can be regulated.
  - **Full employment:** It aims to achieve full employment, or near full employment, as a tool to recover from low economic activity.

---

49. Answer: c

**Explanation:**

The correct answer is Tiruchirappalli, Tamil Nadu.

★ Key Points

- ICAR–National Research Centre for Banana was established on **21st August 1993** at Tiruchirappalli, Tamil Nadu .
- It was established with an aim to increase the production and productivity of bananas and plantains through mission mode basic and strategic research approaches.
- The Centre works on four major thrust areas of research– **Crop Improvement ,Crop Production ,Post Harvest Management and Crop Protection .**

★ Important Points

- The Indian Council of Agricultural Research (ICAR) is an autonomous organization under the Department of Agricultural Research and Education

(DARE), Ministry of Agriculture and Farmers Welfare.

- The ICAR has its headquarters in **New Delhi**.
  - With **111 ICAR** institutes and **71** agricultural universities spread across the country, this is one of the largest national agricultural systems in the world.
- 

**50. Answer: a**

**Explanation:**

The correct answer is Cardiovascular disease (CVD).

★ Key Points

- **World Health Organization (WHO)**, declared **Cardiovascular disease (CVD)** (heart disease) as the number one cause of death on the planet.
- An estimated 17.9 million people died from CVDs in 2019, representing **32% of all global deaths**.
- Out of these deaths, 85% were due to heart attack and stroke.
- Over three-quarters of CVD deaths take place in **low- and middle-income countries**.

★ Important Points

- The World Health Organization is a specialized agency of the United Nations responsible for international public health.
    - Headquarters: Geneva, Switzerland
    - Founded: 7 April 1948
    - Parent organization: United Nations
- 

**51. Answer: b**

**Explanation:**

Given:

$$\frac{\frac{1}{4} \div \frac{1}{2} \times 1\frac{1}{3}}{\frac{3}{4} \text{ of } 8 \div 2} + 6 \div 3 \times 2$$

**Concept:**

Follow the BODMAS rule according to the table given below:

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

**Calculation:**

$$\frac{\frac{1}{4} \div \frac{1}{2} \times 1\frac{1}{3}}{\frac{3}{4} \text{ of } 8 \div 2} + 6 \div 3 \times 2$$

$$\Rightarrow \frac{\frac{1}{4} \times \frac{2}{1} \times \frac{4}{3}}{\frac{3}{4} \times 8 \div 2} + 6 \times \frac{1}{3} \times 2$$

$$\Rightarrow \frac{\frac{2}{3}}{6 \times \frac{1}{2}} + 4$$

$$\Rightarrow \frac{2}{3} \times \frac{1}{3} + 4$$

$$\Rightarrow \frac{2}{9} + 4 = \frac{38}{9} = 4\frac{2}{9}$$

∴ The correct answer is  $4\frac{2}{9}$  .

**52. Answer: d**

**Explanation:**

Given :

The cost price of 12 articles = selling price of 8 articles



**Concept used:**

$$\text{Profit\%} = \text{profit}/\text{C.P} \times 100$$

**Calculation :**

Let CP be the cost price of one article

Let SP be the selling price of one article

$$\text{CP} \times 12 = \text{SP} \times 8$$

$$\text{SP} / \text{CP} = 12 / 8$$

$$(\text{SP} - \text{CP}) / \text{CP} = (12 - 8) / 8 = 1/2$$

$$\text{Profit \%} = \text{P} / \text{CP} \times 100 = 1 / 2 \times 100 = 50 \%$$

∴ The profit percentage is 50 %

---

**53. Answer: a**

**Explanation:**

**Given:** Your Personal Exams Guide

Speed of a boat in still water is 9 km/h.

Distance covered in downstream = 35 km

Distance covered in upstream = 28 km

**Concept used:**

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

$$\text{Speed of the stream} = (\text{Downstream} - \text{Upstream})/2$$

$$\text{Speed of the Boat} = (\text{Downstream} + \text{Upstream})/2$$

**Calculation:**

According to the question,

Time taken in downstream = Time taken in upstream =  $t$  hr

Speed of the Boat =  $(\text{Downstream} + \text{Upstream})/2$

$$\Rightarrow 9 = (35/t + 28/t)/2$$

$$\Rightarrow 9 = 63/2t$$

$$\Rightarrow t = 7/2$$

$$\Rightarrow t = 3.5 \text{ hr}$$

Speed of the stream =  $(\text{Downstream} - \text{Upstream})/2$

$$\Rightarrow (35 - 28)/(3.5 \times 2)$$

$$\Rightarrow 7/7$$

$$\Rightarrow 1 \text{ km/hr}$$

$\therefore$  The speed of stream is 1 km/h.

Your Personal Exams Guide

**54. Answer: c**

**Explanation:**

**Given:**

$$A : B : C : D = 4 : 7 : 11 : 13$$

$$C = 2800 + B$$

**Calculation:**

By multiplying with constant  $x$

we get,

$$\Rightarrow A, B, C, D = 4x, 7x, 11x, 13x$$

Now,

$$\Rightarrow 11x - 7x = 4x$$

$$\Rightarrow 4x = 2800$$

$$\Rightarrow x = 700$$

Difference between A's share and D's share =  $13x - 4x = 9x$

$$\Rightarrow 9x = 9 \times 700 = 6300$$

$\therefore$  The correct answer is **Rs. 6300** .

---

**55. Answer: d**

**Explanation:**

**Given:**

$$\text{Amount}(A) = \text{Rs. } 14641$$

$$\text{Time}(T) = 4 \text{ year}$$

$$\text{Rate}(R) = 10\%$$

**Formula used:**

$$A = P[1 + (R/100)]^T$$

$$SI = PRT/100$$

**Calculation:**

$$\Rightarrow 14641 = P[1 + (10/100)]^4$$

$$P = 14641 / [1 + (10/100)]^4$$

$$P = 14641 / [11/10]^4$$

$$P = 146410000 / 14641$$

$$P = \text{Rs.}10000$$

Total interest in  $3\frac{1}{2}$  years

$$T = 7/2 \text{ years}$$

$$SI = 10000 \times 10 \times (7/2) / 100$$

$$SI = 500 \times 7$$

$$SI = \text{Rs.} 3500$$

$$\therefore \text{Simple Interest} = \text{Rs.} 3500$$

---

56. Answer: c

**Explanation:**

**Given:-**

Volume of right circular cone =  $924 \text{ cm}^3$

Height of cone = 18 cm

**Formula used :-**

Volume of Cone =  $\frac{1}{3}(\pi r^2 h)$

Perimeter of cone Base =  $2\pi r$

where,

r = radius of cone base

h = height of cone

**Calculation:-**

According to question:-

$$\Rightarrow \frac{1}{3}(\pi r^2 h) = 924$$

$$\Rightarrow \frac{1}{3} \times \frac{22}{7} \times r^2 \times 18 = 924$$

$$\Rightarrow r^2 = \frac{(924 \times 7 \times 3)}{(22 \times 18)}$$

$$\Rightarrow r^2 = \frac{19404}{396}$$

$$\Rightarrow r^2 = 49$$

$$\Rightarrow r = 7 \text{ cm}$$

$\therefore$  Perimeter of cone base =  $2\pi r$

$$P = 2 \times \left(\frac{22}{7}\right) \times 7$$

$$P = 2 \times 22$$

$$P = 44 \text{ cm}$$

$\therefore$  The perimeter of base of cone is 44cm

**57. Answer: a**

**Explanation:**

**Calculation:**

$$78 \% \text{ of } A = 32.5 \% \text{ of } B$$

$$\Rightarrow 78 \times A = 32.5 \times B$$

$$\Rightarrow B/A = (78/32.5)$$

$$\Rightarrow B/A = (2 \times 78)/65$$

$$\Rightarrow B/A = 12/5$$

$\therefore$  The ratio of B to A = 12 : 5

**58. Answer: b**

**Explanation:**

Given:

$$2 \div 2 \text{ of } \frac{1}{2} + 2.5 \times 2 \div (5 \times \frac{3}{5} \text{ of } \frac{1}{3}) - 0.5 (2.5 - \frac{1}{2} \times 2 \div \frac{1}{2})$$

Concept used:

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

Calculation :

$$\Rightarrow 2 \div 2 \text{ of } \frac{1}{2} + 2.5 \times 2 \div (5 \times \frac{3}{5} \text{ of } \frac{1}{3}) - 0.5 (2.5 - 2)$$

$$\Rightarrow 2 \div 2 \text{ of } \frac{1}{2} + 2.5 \times 2 \div (5 \times \frac{3}{5} \text{ of } \frac{1}{3}) - 0.5 (0.5)$$

$$\Rightarrow 2 + 5 \div 1 - (1/4)$$

$$\Rightarrow 2 + 5 - (1/4)$$

$$\Rightarrow 7 - 1/4$$

$$\Rightarrow 7 - 0.25$$

$$\Rightarrow 6.75$$

**59. Answer: d**

**Explanation:**

**Given:**

A shopkeeper allows 10% discount on the marked price to his customers.

**Formula used:**

$$\text{Profit percentage} = (\text{Profit} \times 100) / \text{CP}$$

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

**Calculation:**

Let the marked price be Rs.  $x$

A shopkeeper buys goods at 20% discount

$$\Rightarrow x - 20\% \text{ of } x = x - \frac{x}{5} = \frac{4x}{5} = \text{CP}$$

Allows 10% discount on the marked price

$$\Rightarrow x - 10\% \text{ of } x = x - \frac{x}{10} = \frac{9x}{10} = \text{SP}$$

$$\text{Profit} = \frac{9x}{10} - \frac{4x}{5} = \frac{x}{10}$$

$$\text{Profit percentage} = \frac{\frac{x}{10}}{\frac{4x}{5}} \times 100$$

$$\Rightarrow \frac{x}{10} \times \frac{5}{4x} \times 100 = \frac{25}{2} = 12.5\%$$

$\therefore$  The profit percentage is 12.5%

★ Shortcut Trick

Let the marked price be Rs. 100

CP : SP

80 : 90

$$\text{Profit percentage} = \frac{(90-80)}{80} \times 100$$

$$\Rightarrow \frac{10}{80} \times 100 = 12.5\%$$

∴ The profit percentage is 12.5%

**60. Answer: d**

**Explanation:**

**Given:**

Marked price of a watch is Rs. 700

Selling Price of watch is Rs. 315

1st discount is 10%

**Calculation:**

Let the second discount be  $x\%$ , then

$$\Rightarrow 90\% \text{ of } (100 - x)\% \text{ of } 700 = 315$$

$$\Rightarrow \frac{90}{100} \times \frac{100-x}{100} \times 700 = 315$$

$$\Rightarrow 100 - x = \frac{315 \times 100}{90 \times 7} = 50$$

$$\Rightarrow x = 100 - 50 = 50$$

∴ The second discount is 50%



61. Answer: b

**Explanation:**

Given:-

$$\Rightarrow 12 \times SP = 15 \times CP$$

Formula used:-

$$\% \text{ Profit} = \left[ \frac{(SP - CP)}{CP} \right] \times 100$$

Calculation:-

According to question-

$$SP = 15CP/12$$

$$\therefore \% \text{ Profit} = \left[ \frac{\frac{15CP}{12} - CP}{CP} \right] \times 100$$

$$\%P = (3CP/12CP) \times 100$$

$$\%P = 300/12$$

$$\%P = 25\%$$

$\therefore$  The profit percentage is 25%

---

62. Answer: c

**Explanation:**

Given:

$\Rightarrow$  8 taps fill a tank in 27 minutes.

Calculation:

In 27 minutes, 8 taps together fill one tank.

$\therefore$  In 3 minutes, 8 taps together fill =  $(\frac{1}{27} \times 3) = 1/9$  part of the tank.

After 3 minutes, 2 taps went out of service.

The remaining fill in the tank =  $(1 - 1/9) = 8/9$  part of the tank.

The remaining taps = 6

$\Rightarrow$  8 taps fill one tank in 27 minutes.

$\therefore$  6 taps fill in the  $8/9$  part of the tank =  $\frac{8}{9} \times \frac{27}{6} \times 8 = 32$  minutes

$\therefore$  The time taken to fill the tank by the remaining taps is 32 minutes



**Shortcut Trick**  $\Rightarrow$  8 taps fill a tank in 27 minutes.

**Formal used:**

$$\frac{M_1 \times D_1 \times H_1}{W_1} = \frac{M_2 \times D_2 \times H_2}{W_2}$$

$M_1, M_2 \Rightarrow$  Total no of taps

$D_1, D_2 \Rightarrow$  Days

$H_1, H_2 \Rightarrow$  Hours

$W_1, W_2 \Rightarrow$  Wages

**Calculation:**

$$\Rightarrow \frac{8 \times 27}{1} = \frac{6 \times H_2}{8/9}$$

$$H_2 = \frac{8 \times 27 \times 8}{6 \times 9}$$

$$H_2 = 32$$

$\therefore$  The time taken to fill the tank by the remaining taps is 32 minutes .

63. Answer: a

**Explanation:**

Given:

The average age of the couple 27 years ago = 25 years

The daughter's present age is 25 years

**Formula used:**

Average = sum of all terms/number of terms

**Concept:**

If operations(+, -, ×, ÷) are performed on all the terms of an average then it also affects the average.

for eg:

Let A be the average of a and b

If after adding n in both the terms it becomes a + n and b + n

Then, the New average will be A + n

**Calculation:**

Let the present age of wife and husband be x and y

Average 27 years back,

Age of the wife 27 years ago = x - 27

Age of the husband 27 years ago = y - 27

Average 27 years ago = 25

$$\Rightarrow (x - 27 + y - 27)/2 = 25$$

$$\Rightarrow x + y = 104$$

$\therefore$  Sum of the present ages of couple =  $50 + 54 = 104$

$$\text{Average age of family} = (104 + 25)/3 = 43$$

$\therefore$  The average age of the family is **43** years.

**64. Answer: a**

**Explanation:**

**2 Given:**

Radha took a loan of Rs. 19,200 partly at 4% and the rest at 7% per annum simple interest.

She paid a total of Rs. 5,520 after 5 years as interest.

**Concept used:**

$$\text{S.I} = (P \times R \times T)/100$$

Where P = Principal, R = Rate of Interest, T = Time period

**Calculation:**

Total Interest of 5 years = 5,520

The interest of one year =  $5,520/5$

$\Rightarrow$  Rs 1,104

Let the loan of Rs 19200 partly divided between X and  $(19,200 - X)$

$$\text{S.I of X part for 1 year at 4\%} = (P \times R \times T)/100$$

$$\Rightarrow 4 X/100$$

$$\text{S.I of } (19,200 - X) \text{ part for 1 year at 7\%} = (19,200 - X) \times 7/100$$

Total Interest for 1 year = 1104

$$\Rightarrow (4X/100) + [(19,200 - X) \times 7/100] = 1,104$$

$$\Rightarrow (1,34,400 - 3 X)/100 = 1,104$$

$$\Rightarrow (1,34,400 - 3 X) = 1,10,400$$

$$\Rightarrow (1,34,400 - 1,10,400) = 3 X$$

$$\Rightarrow X = 24,000/3$$

$$\Rightarrow X = 8,000$$

2nd Part = 19,200 - X

$$\Rightarrow 19,200 - 8,000$$

$$\Rightarrow 11,200$$

The difference of the money (in Rs.) borrowed at the two different rates of interest =  
11,200 - 8,000

$$\Rightarrow \text{Rs } 3,200$$

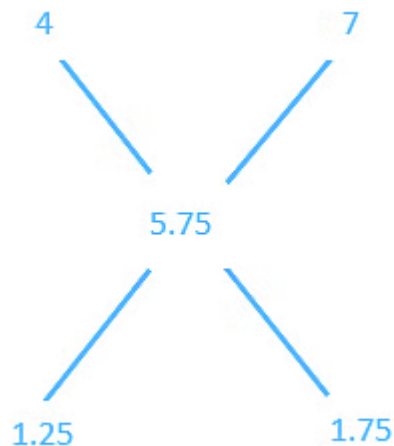
**∴ The Required answer is Rs 3,200.**

★ Shortcut Trick

The net rate of interest for one year

$$\Rightarrow 1104/19200 \times 100 = 5.75\%$$

So, by the allegation method,



$$\therefore 1.25 : 1.75 = 5 : 7$$

$$(5 + 7) \text{ units} = 19200$$

$$12 \text{ units} = 19200$$

$$1 \text{ unit} = 1600$$

The difference between the sum of money invested at two different interests,

$$\Rightarrow 7 \text{ units} - 5 \text{ units} = 2 \text{ units}$$

$$\text{so, } 2 \text{ units} = 1600 \times 2$$

$$\Rightarrow 3200$$

Hence, the correct answer is Rs. 3200.

65. Answer: a

**Explanation:**

Given:

A man covers a certain distance at a uniform speed in 5 hours.

He increases his speed by 1 km/h, then he takes 10 minutes less.

**Concept used:**

Distance = Speed  $\times$  Time

**Calculation:**

According to question,

Distance is same for both conditions.

$$\Rightarrow \text{Speed} \times 5 = (\text{Speed} + 1) \times 4 \text{ h } 50 \text{ min}$$

$$\Rightarrow \text{Speed} \times 5 = (\text{Speed} + 1) \times (4 + 50/60) \text{ hr}$$

$$\Rightarrow \text{Speed} \times 5 = (\text{Speed} + 1) \times 29/6$$

$$\Rightarrow 30 \times \text{Speed} = 29 \times \text{Speed} + 29$$

$$\Rightarrow (30 - 29) \text{ Speed} = 29$$

$$\Rightarrow \text{Speed} = 29 \text{ km/h}$$

$\therefore$  The speed of the man is 29 km/h.

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## Your Personal Exams Guide

66. **Answer: b**

**Explanation:**

**Given:**

A candidate got 41,250 votes in an election.

Defeated his opponent by a margin of 7,500 votes.

**Calculation:**

The second candidate got votes in an election

$$\Rightarrow 41,250 - 7,500 = 33,750$$

$$\text{Total votes} = 41,250 + 33,750 = 75,000$$

The percentage of votes obtained by the winning candidate

$$\Rightarrow \frac{41250}{75000} \times 100 = 55\%$$

$\therefore$  The percentage of votes obtained by the winning candidate is 55%.

**67. Answer: a**

**Explanation:**

**Given:**

(A, B and C) complete a work in 16 days

(A and B) complete in 18 days

(B and C) complete in 24 days

**Concept:**

Efficiency is work done by someone in a unit of time.

NOTE:  $E(A)$  means efficiency of A.

**Formula used:**

$$\text{Total work} = \text{Time} \times \text{efficiency}$$

**Calculation:**

Let total work be LCM of (16, 18, 24) = 144 unit

$$\Rightarrow E(A, B, C) = 144/16 = 9$$

$$\Rightarrow E(A \text{ and } B) = 144/18 = 8$$



$$\Rightarrow E(B \text{ and } C) = 144/24 = 6$$

$$\text{Now, } E(A) = E(A, B, C) - E(B, C) = 9 - 6 = 3$$

$$\text{Also, } E(C) = E(A, B, C) - E(A, B) = 9 - 8 = 1$$

$$\Rightarrow E(A, C) = 3 + 1 = 4$$

So, time taken by A and C to complete the work =  $144/4 = 36$

$\therefore$  The correct answer is 36 days.

**68. Answer: d**

**Explanation:**

**Given:**

Radius of cylinder ( $R_1$ ) = 6 cm

Height of cylinder ( $h_1$ ) = 8 cm

**Formula used:**

The volume of Cylinder ( $V_C$ ) =  $\pi r^2 h$

The volume of a sphere ( $V_S$ ) =  $(4/3) \times \pi r^3$

**Calculation:**

$$V_C = \pi \times 6^2 \times 8 = 288\pi \text{ cm}^3$$

According to the question

$$V_C = V_S$$

$$\Rightarrow 288\pi = (4/3)(\pi r^3)$$

$$\Rightarrow r^3 = 288 \times 3/4$$

$$\Rightarrow r^3 = 72 \times 3$$

$$\Rightarrow r^3 = 216$$

$$\Rightarrow r = 6 \text{ cm}$$

$$\therefore \text{The diameter of the sphere} = 2r = 12 \text{ cm}$$

**69. Answer: c**

**Explanation:**

**Given:**

Average of total students = 13.2 years

Average of the boys = 14.4 years

Average of the girls = 12.3 years

**Formula used:**

Average = Sum/Number

**Calculation:**

Let x and y be the number of boys and girls respectively

$$\text{Total sum of the class} = (x + y)13.2$$

$$\text{Total sum of boys} = 14.4x$$

$$\text{Total sum of girls} = 12.3y$$

Now, according to the question

$$\Rightarrow (x + y)13.2 = 14.4x + 12.3y$$

$$\Rightarrow 13.2x + 13.2y = 14.4x + 12.3y$$

$$\Rightarrow 1.2x = 0.9y$$

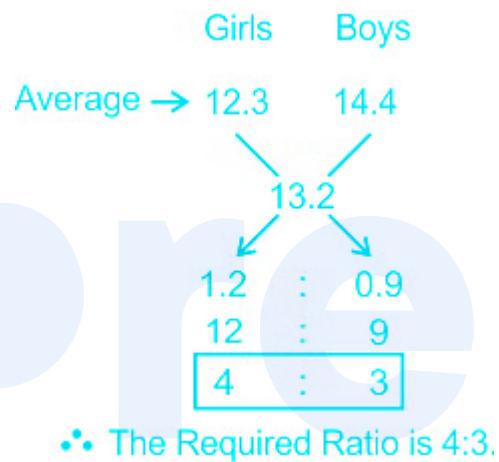
$$\Rightarrow x/y = 0.9/1.2$$

$$\Rightarrow x/y = 3/4$$

$$\Rightarrow x : y = 3 : 4$$

$\therefore$  The ratio of the number of girls to that of boys is 4 : 3

★ Shortcut Trick



70. Answer: b

**Explanation:**

**Given:-**

30% to his wife

18% of rest, each of two sons

3/4 of left amount

19,600 deposited to bank

**Calculations:-**

Let Sushant have  $x$  amount of money-

$\therefore$  According to question-

$$\text{Wife share} = 0.30x$$

$$\text{Sons share} = 2 \times 0.70 \times 0.18$$

$$= 0.2520$$

$$\text{Spend amount} = (x - 0.30x - 0.2520x) \times \frac{3}{4}$$

$$= 0.448x \times \frac{3}{4}$$

$$= 0.336x$$

$$\therefore x = 0.30x + 0.252x + 0.336x + 19600$$

$$x = 0.888x + 19600$$

$$x - 0.888x = 19600$$

$$\Rightarrow 0.112x = 19600$$

$$\Rightarrow x = 175000$$

$\therefore$  Sushant have Rs. 1,75,000

### ★ Alternate Method

Let Sushant have total sum  $x$  -

$\therefore$  According to question-

$$\Rightarrow x = 0.30x + 2 \times 0.70 \times 0.18x + (x - 0.30x - 0.252x) \times \frac{3}{4} + 19600$$

$$\Rightarrow x = 0.30x + 0.252x + 0.336x + 19600$$

$$\Rightarrow x = 0.888x + 19600$$

$$\Rightarrow 0.112x = 19600$$

$$\Rightarrow x = 175000$$

71. Answer: a

**Explanation:**

**Concept:**

If a, b, c, and d are in proportion then,

$$\Rightarrow a/b = c/d \text{ or } ad = bc$$

And, if a, b and c are in proportion then,

$$\Rightarrow a/b = b/c \text{ or } b^2 = ac$$

**Calculation:**

Let x be the fourth proportional to 5, 8, 15.

So, 5, 8, 15, and x are in proportion

$$\Rightarrow 5x = 8 \times 15$$

$$\Rightarrow x = 120/5 = 24$$

Now let y be the third proportional to 12 and 30

So, 12, 30, and y are in proportion

$$\Rightarrow 12y = 30^2 = 900$$

$$\Rightarrow y = 900/12 = 75$$

Now,  $x : y = 24 : 75$

$$\Rightarrow x : y = 8 : 25$$

$\therefore$  Ratio of fourth proportion to the third proportion is 8 : 25

---

72. Answer: a

Explanation:

Given:

The number of trees in each row is the same.

There are 105 or 210 or 315 or 525 rows.

Calculation:

The number of trees in each row for 105 or 210 or 315 or 525 rows = LCM of (105 or 210 or 315 or 525)

⇒ The prime factorization of (105 or 210 or 315 or 525)

$$\Rightarrow 105 = 3 \times 5 \times 7$$

$$\Rightarrow 210 = 2 \times 3 \times 5 \times 7$$

$$\Rightarrow 315 = 3 \times 3 \times 5 \times 7$$

$$\Rightarrow 525 = 3 \times 5 \times 5 \times 7$$

$$\text{LCM of (105 or 210 or 315 or 525)} = 2 \times 3 \times 3 \times 5 \times 5 \times 7$$

∴ The least number of trees that were planted is 3150

73. Answer: a

Explanation:

Given:

Gagan borrowed a sum of Rs. 2,500 at 8% per annum compound interest.

Gagan paid Rs. 1,000 at the end of the first year.

Gagan paid Rs. 500 at the end of the second year.

**Formula used:**

The formula for compound interest is

$$A = P\left(1 + \frac{r}{100}\right)^n$$

**Calculation:**

Compound interest amount of the first year

$$\Rightarrow 2,500\left(1 + \frac{8}{100}\right)^1 = 2,500 \times \frac{108}{100}$$

$$\Rightarrow \text{Rs. } 2,700$$

He paid Rs. 1,000

$$\Rightarrow 2,700 - 1,000 = \text{Rs. } 1,700$$

Compound interest amount of the Second year

$$\Rightarrow 1,700\left(1 + \frac{8}{100}\right)^1 = 1,700 \times \frac{108}{100} = \text{Rs. } 1,836$$

In the second year he paid Rs. 500

$$\Rightarrow 1,836 - 500 = \text{Rs. } 1,336$$

Compound interest amount of the last Second year

$$\Rightarrow 1,336\left(1 + \frac{8}{100}\right)^2 = 1,336 \times \frac{108}{100} \times \frac{108}{100}$$

$$\Rightarrow \frac{15583104}{10000} = \text{Rs. } 1,558.3104$$

$\therefore$  Gagan will have to pay is Rs.1558.

74. **Answer: c**

**Explanation:**

**Given :**

In each case remainder = 4

The number is divided by 6, 9, 15, 18 and 21

**Concept Used :**

If a number divided by some numbers and leave the same remainder then such least number = LCM of the numbers + remainder

**Calculation :**

LCM of 6 , 9 , 15 , 18 and 21 is 630

The the required number =  $630 + 4 = 634$

∴ The required least number is 634

---

**75. Answer: b**

**Explanation:**

**Given:-**

⇒ 9% loss, when CP be x and SP be y

⇒ 5% Gain, when CP be x and SP be (y + 140)

**Formula used:-**

$$\% \text{Loss} = \frac{CP - SP}{CP} \times 100$$

$$\% \text{Profit} = \frac{SP - CP}{CP} \times 100$$

**Calculation:-**

Case(i)-

$$\Rightarrow 9 = [(x - y)/x] \times 100$$



$$\Rightarrow 0.09 = (x - y)/x$$

$$\Rightarrow 0.09x = x - y$$

$$\Rightarrow 0.91x = y \quad \dots(1)$$

Case(ii)-

$$\Rightarrow 5 = [(y + 140 - x)/x] \times 100$$

$$\Rightarrow 0.05 = (y + 140 - x)/x$$

$$\Rightarrow 0.05x = y + 140 - x$$

$$\Rightarrow 1.05x = y + 140 \quad \dots(2)$$

from eq 1 and 2 ....

$$\Rightarrow 1.05x = 0.91x + 140$$

$$\Rightarrow 0.14x = 140$$

$$\Rightarrow x = 140/0.14$$

$$\Rightarrow x = 1000$$

$\therefore$  The cost price is Rs 1000

**76. Answer: a**

**Explanation:**

The correct answer is '**Beside doing the laundry**', i.e. the error lies in this part of the sentence.

★ Key Points

- The error lies in incorrect usage of the preposition 'beside'.
- **Beside**, without the s, tells us the **location of something**. **Besides**, on the other hand, means "in addition," "in addition to," "moreover," or "as well," depending

on context.

- Example:
  - Kaia and Rhea sit beside each other in the orchestra's first violin section.
  - I dislike fishing; besides, I don't even own a boat.
- Thus, 'besides' will be used in place of 'beside'.

Correct sentence: **Besides** doing the laundry, Rakesh helped her in cooking also when she was ill.

★ Additional Information

- Preposition: a word governing, and usually preceding, a noun or pronoun and expressing a relation to another word or element in the clause.

---

77. Answer: b

**Explanation:**

The correct answer is 'Conclude'.

★ Key Points

- Let's take a look at the given word and the marked option :
  - Commence: to begin something.
    - Example :We will commence building work in August of next year.
  - Conclude: to cause something to end, or to end.
    - Example:She concluded her remarks by thanking her supporters.
- Thus from above, we can say that the correct answer is option 2 .

★ Additional Information

- Arise: come into being; originate.
- Begin: come into being or have its starting point at a certain time or place.
- Launch: start or set in motion (an activity or enterprise).

78. Answer: d

**Explanation:**

The correct answer is 'Inconsiderate'.

★ Key Points

- Let's take a look at the given word and the marked option :
  - Generous: (of a person) showing a readiness to give more of something, such as money or time, than is strictly necessary or expected.
    - Example .She's been very generous with her time.
  - Inconsiderate: not thinking or worrying about other people or their feelings.
    - Example:Our neighbours are very inconsiderate - they're always playing loud music late at night.
- Thus from above, we can say that the correct answer is option 4 .

★ Additional Information

- Helpful: giving or ready to give help.
- Charitable: relating to the assistance of those in need.
- Kind-hearted: having a kind and sympathetic nature.

79. Answer: c

**Explanation:**

The correct answer is 'nurture'.

★ Key Points

- Let's take a look at the word 'tree', the sentence is talking about planting and caring for trees.
- Now, let's take a look at the meaning of the given options :

- **assemble** : to come or bring together; collect or congregate.
    - *Example* : There wasn't even a convenient place for students to assemble between classes.
  - utilise: make practical and effective use of.
    - *Example*: Guests can utilise the host of complimentary land and water sports facilities.
  - nurture: care for and encourage the growth or development of.
    - *Example* : The modern conservatory is not an environment for nurturing plants.
  - abolish: formally put an end to (a system, practice, or institution).
    - *Example*: The following year Parliament voted to abolish the death penalty for murder.
- In the blank, we need a word which can represent the word 'care' thus, 'nurture' is the right fit for the blank.
  - Thus, from above, it is clear that the correct answer is option 13.

Correct sentence: We must plant and **nurture** at least one tree every year.

80. Answer: b

### Explanation:

The correct answer is 'the child was happy', i.e. the error lies in this part of the sentence.

### ★ Key Points

- The error lies in incorrect usage of past tense in a conditional sentence.
- The given sentence is an example of a second conditional sentence.
- **Second conditional sentence**: It talks about the **unreal possibility** of something happening in the future. It means that we are thinking about the future. We are thinking about a particular condition in the future and the result of this condition. But there is **not a real possibility** that this condition will happen.
- **Structure** :
  - If+ past simple, would + base verb.

- Example:
  - If I won the lottery, I would buy a scooter.
- Thus, 'would be' will be used in place of 'was'.

Correct sentence: If he were to climb the tree and bring the kitty down, the child would be happy.

★ **Additional Information**

- **Conditional sentence:** The word "condition" means "situation or circumstance". If a particular condition is true, then a particular result happens.
- Types of the conditional sentences:

Conditional Type	Usage	If clause	Main Clause	Example
<b>Zero Conditional</b>	real condition + inevitable result	present simple	present simple	If you heat ice, it melts.
<b>First Conditional</b>	possible condition + probable result	present simple	will + base verb	If I win the lottery, I will buy a car.
<b>Second Conditional</b>	hypothetical condition + possible result	past simple	would + base verb	If I won the lottery, I would buy a car.
<b>Third Conditional</b>	expired past condition + possible past result	past perfect	would have + past participle	If I had won the lottery, I would have bought a car.

81. Answer: d

**Explanation:**

The correct answer is 'pray to'.

### ★ Key Points

- The error lies incorrect usage of the second form of the verb after the modal verb must.
- The modal verb must is used to express obligation and necessity and it is usually followed by an infinitive without 'to'.
- Example:
  - I must stop smoking. It's really bad for my health.
- Thus, 'pray to' will be used in place of 'prayed'.

Correct sentence: We must pray to at the Almighty for the well-being of all family members.

### ★ Additional Information

- **Modal verb:** an auxiliary verb that expresses necessity or possibility.

82. Answer: c

### Explanation:

The correct answer is 'Rejoicing'.

### ★ Key Points

- Let's take a look at the given word and the marked option :
  - Jubilation: a feeling of great happiness and triumph.
    - Example :There was jubilation in the crowd as the winning goal was scored.
  - Rejoicing: feel or showing great joy or delight; jubilation.
    - Example:There was much rejoicing at/over the good news.
- Thus from above, we can say that the correct answer is option 3 .

### ★ Additional Information

- Submission: the action or fact of accepting or yielding to a superior force or to the will or authority of another person.

- Servitude: the state of being a slave or completely subject to someone more powerful.
  - **Subjugation:** the action of bringing someone or something under domination or control.
- 

83. Answer: c

**Explanation:**

The correct answer is 'wants'.

★ Key Points

- The error lies incorrect usage of the verb 'want'.
- Let's take a look at the phrase 'as well as' it means 'in addition' and is used as a conjunction here in this sentence which is connecting two nouns i.e. 'Prime minister and 'his ministers'.
- When 'as well as' is used as a conjunction in the sentence, the verb of the sentence agrees with the first noun of the sentence.
- Example:
  - Jack as well as his friends was invited to the party.
- Thus, 'wants' will be used in place of 'want'.

Correct sentence: *The Prime Minister as well as his ministers **wants** peace in the country.*

★ Additional Information

- Conjunction: a word used to connect clauses or sentences or to coordinate words in the same clause.
- 

84. Answer: d

**Explanation:**

The correct answer is 'Echo'.

★ Key Points

- Let's take a look at the meaning of the options:
  - Ebony: a tree of tropical and warm-temperate regions which produces ebony.
  - Eclair: a small, soft, log-shaped pastry filled with cream and typically topped with chocolate icing.
  - Eclipse: an obscuring of the light from one celestial body by the passage of another between it and the observer or between it and its source of illumination.
  - Echo: a repetition of sound produced by the reflection of sound waves from a wall, mountain, or other obstructing surfaces.
- From the above-given explanation, we can say that the correct answer is option 4.

---

85. Answer: b

**Explanation:**

The correct answer is 'He worked so **hardly**', i.e. the error lies in this part of the sentence.

★ Key Points

- The error lies in incorrect usage of the adverb 'hardly'.
- In the given sentence 'so....that' is used as a conjunction to express the cause and result of the situation in the sentence.
- **Structure:**
  - So+ adjective+ that+ result.
- Example:
  - You are so beautiful that I can't get my eyes off you.
- Thus, 'hard' will be used in place of 'hardly'.

Correct sentence: He worked so **hard** that he won the dance competition.



★ Additional Information

- **Conjunction:** a word used to connect clauses or sentences or to coordinate words in the same clause.
- 

86. Answer: d

**Explanation:**

The correct answer is 'Bellow'.

★ Key Points

- Let's take a look at the meaning of the options:
  - Trumpet: a sound resembling that of a trumpet, especially the loud cry of an elephant.
  - Growl: a low guttural sound made in the throat by a hostile dog or other animal.
  - Screech: (of a person or animal) give a loud, harsh, piercing cry.
  - Bellow: Bellowing is the deep roar but it is nothing like a simple and usual roar. Crocodiles make this sound when they are in anger or deep pain.
- From the above-given explanation, we can say that the correct answer is option 4.

87. Answer: c

**Explanation:**

The correct answer is '**Courtious**', i.e. it is the incorrectly spelt word.

★ Key Points

- Let's take a look at the options:

- **Conscious:** It is a correctly spelt word which means **aware of and responding to one's surroundings; awake.**
  - **Vicious:** It is a correctly spelt word which means **deliberately cruel or violent.**
  - **Courtious:** There is no such word in the dictionary, the correct spelling is 'Courteous' which means **polite, respectful, or considerate in manner.**
  - **Glorious:** It is a correctly spelt word which means **having, worthy of, or bringing fame or admiration.**
- Thus, the correct answer is option 3, i.e. it is the incorrectly spelt word.

---

**88. Answer: b**

**Explanation:**

The correct answer is 'To know the facts of a situation'.

★ Key Points

- Let's take a look at the meaning of the given idiom.
  - **To know what's what :** It is an idiomatic phrase which means **to be cognizant of the full situation; to be familiar with all the facts.**
    - Example : Kid, I've been doing this job for longer than you've been alive, so trust me when I say that I know what's what around here.
- Thus, the correct answer is option 2.

---

**89. Answer: a**

**Explanation:**

The correct answer is 'before'.

★ Key Points

- In the given sentence, in place of blank, we need an **adverb** .

- **Adverb:** a word or phrase that modifies or qualifies an adjective, verb, or other adverb or a word group, expressing a relation of place, time, circumstance, manner, cause, degree, etc.
- Let's take a look at the options:
  - before: It is an adverb which means **during the period of time preceding a particular event or time.**
  - through: It is a preposition which means **moving in one side and out of the other side of (an opening, channel, or location).**
  - soon: It is an adverb which means **in or after a short time.**
  - after: It is an adverb which means **in the time following (an event or another period of time).**
- 'going' is a verb and the blank is used to qualify the verb in the sentence also the action of thanking gods is happening prior to going to bed. Thus, to fill the blank we need a word which represents 'prior to'. Therefore, 'before' will be used in the sentence.
- Thus, the correct answer is option 1.

Correct Sentence: Every night, **before** going to bed, he thanked God for his gifts.

90. Answer: b

Explanation:

The correct answer is 'To make a bad or painful situation worse'.

★ Key Points

- Let's take a look at the meaning of the given idiom.
  - **To rub salt in someone's wound** : It is an idiomatic phrase which means **to make a difficult situation even worse for someone.**
    - Example : Losing was bad enough. Watching them receive the trophy just rubbed salt into the wound.
- Thus, the correct answer is option 2.

91. Answer: c

**Explanation:**

The correct answer is 'Incredulous'.

★ Key Points

- Let's take a look at the options:
  - **Recaptulate:** There is no such word in the dictionary, the correct spelling is 'recapitulate' which means **summarize and state again the main points.**
  - **Lifelessness:** There is no such word in the dictionary, the correct spelling is 'lifelessness' which means **having no life.**
  - **Incredulous:** It is a correctly spelt word which means **(of a person or their manner) unwilling or unable to believe something.**
  - **Synergizm:** There is no such word in the dictionary, the correct spelling is 'synergism' which means the interaction or cooperation of two or more organizations, substances, or other agents to produce a combined effect greater than the sum of their separate effects.
- Thus, the correct answer is option 3, i.e. it is the correctly spelt word.

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92. Answer: d

**Explanation:**

The correct answer is 'Exaggerate'.

★ Key Points

- Let's take a look at the meaning of the options:
  - **Ridicule:** subject (someone or something) to contemptuous and dismissive language or behaviour.
  - **Applaud:** show strong approval of (a person or action); praise.

- Boast: talk with excessive pride and self-satisfaction about one's achievements, possessions, or abilities.
- Exaggerate: represent (something) as being larger, better, or worse than it really is.
- From the above-given explanation, we can say that the correct answer is option 4.

93. Answer: b

Explanation:

The correct answer is 'water'.

★ Key Points

- The error lies in incorrect usage of future tense i.e. 'will'.
- Let's take a look at the word 'unless' it means the same as **if...not**. Like **if**, unless is followed by **a present tense, a past tense, or a past perfect tense (never by a conditional)**. Unless is used instead of **if...not** in conditional sentences of all types. The order of the clauses doesn't matter with sentences using unless.
- Unless is never followed by future tense.
- Example:
  - You'll be sick unless you stop eating.
- Thus, 'water' will be used in place of 'will water'.

Correct sentence: *The plant will die unless you **water** it every day.*

94. Answer: c

Explanation:

The correct answer is 'Extract'.

★ Key Points

- Let's take a look at the given word and the marked option :
  - Excerpt: a short extract from a film, broadcast, or piece of music or writing.
    - Example :An excerpt from her new thriller will appear in this weekend's magazine.
  - Extract: a short passage taken from a piece of writing, music, or film.
    - Example:They published an extract from his autobiography.
- Thus from above, we can say that the correct answer is option 3 .

★ Additional Information

- Abstract: a summary of the contents of a book, article, or formal speech.
- Interval: an intervening time or space.
- Blurb: a short description of a book, film, etc., written by the people who have produced it, and intended to make people want to buy it or see it

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95. Answer: a

**Explanation:**

The correct answer is 'pandemic'.

★ Key Points

- Let's take a look at the word 'havoc' which means **widespread destruction** .
- Now, let's take a look at the meaning of the given options :
  - **pandemic** : (of a disease) prevalent over a whole country or the world.
    - *Example : Experts warned of the impending threat of a global pandemic if the virus was not contained.*
  - **prefix**: a word, letter, or number placed before another.
    - *Example:To telephone from the U.S. use the prefix 011 33 before the numbers given here.*
  - **pantomime**: a dramatic entertainment, originating in Roman mime, in which performers express meaning through gestures accompanied by music.

- *Example: He is currently starring in pantomime in Weston-super-Mare.*
- panorama: a dramatic entertainment, originating in Roman mime, in which performers express meaning through gestures accompanied by music.
  - *Example: Horton looked out over a panorama of fertile valleys and gentle hills.*
- Let's take the example of covid. It was declared a pandemic and lots of people died because of it. Thus, it caused widespread destruction.
- Thus, from above, it is clear that the correct answer is option 1.

Correct sentence: The **pandemic** has created a havoc in the whole world.

96. Answer: c

Explanation:

The correct answer is 'growing'.

★ Key Points

- Let's take a look at the options:
  - developing: grow or cause to grow and become more mature, advanced, or elaborate.
  - swelling: an abnormal enlargement of a part of the body, typically as a result of an accumulation of fluid.
  - growing: (of a living thing) undergoing natural development by increasing in size and changing physically.
  - planting: place (a seed, bulb, or plant) in the ground so that it can grow.
- The given sentence is an example of an inverted sentence. It is a sentence in which the predicate (verb) comes before the subject (noun).
- We need an adjective in place of a blank to modify the subject 'vines'.
- Thus, the most appropriate word to fill the blank is 'growing'.
- Thus, the correct answer is option 3.

Correct sentence: There were vines (1) **growing** on it.

★ Additional Information

- There can be confusion between 'developing' and 'growing'.
  - Since the sentence doesn't expressing evolution or maturity, developing will not be used in place of blank.
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97. **Answer: a**

**Explanation:**

The correct answer is 'them'.

★ Key Points

- In the given sentence the blank is working as an antecedent.
- **Antecedent:** The noun or noun substitute that a pronoun refers to is called its antecedent. The noun it is referring to is 'vines' which is a plural noun and will require a plural pronoun.
- Thus, most appropriate word to fill the blank is 'them'.
- Thus, the correct answer is option 1.

Correct sentence: They looked pretty with the evening sun on (2)them.

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98. **Answer: a**

**Explanation:**

The correct answer is 'to eat'.

★ Key Points

- In the given sentence the blank is working as the director for the verb 'had'.
- **Infinitive:** the basic form of a verb that usually follows "to" and can be used as a **direct object, adjective, adverb, bare and full infinitive**.
- Thus, the most appropriate word to fill the blank is 'to eat'.



- Thus, the correct answer is option 1.

Correct sentence: My wife was very ill, and we had no food **(3) to eat**.

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**99. Answer: a**

**Explanation:**

The correct answer is 'dying'.

★ Key Points

- Let's take a look at the options:
  - dying: very ill and likely to die soon.
  - expiring: to die.
  - vanishing: beginning to disappear.
  - falling: If something is falling, it is becoming lower in size, amount, or strength.
- Since, the passage itself talk about the ailing wife but didn't mention anything about the demise of the wife but implying it in near future, therefore, 'dying' will be used in place of blank.
- Thus, the correct answer is option 1.

Correct sentence: I could get no work and my wife, Jeanette, was **(4)dying** so I stole to buy her food

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**100. Answer: a**

**Explanation:**

The correct answer is 'pleaded'.

★ Key Points

- Let's take a look at the options:

- pleaded: to make an urgent, emotional statement or request for something.
- pretended: speak and act so as to make it appear that something is the case when in fact it is not.
- promised: assure someone that one will definitely do, give, or arrange something; undertake or declare that something will happen.
- preyed: hunt and kill for food.
- Since the speaker was in a dire situation and stole the bread because of his ailing wife, the most appropriate word in place of blank will be 'pleaded'.
- Thus, the correct answer is option 1.

Correct sentence: I **(5) pleaded** with them and told them why I stole but they laughed at me.

Correct passage:

*I had a little cottage. There were vines **(1)growing** on it. They looked pretty with the evening sun on **(2)them**. My wife was very ill, we had no food **(3) to eat**. I could get no work and my wife, Jeanette, was **(4)dying** so I stole to buy her food. They caught me. I **(5)pleaded** with them and told them why I stole but they laughed at me. I was sentenced to 10 years in prison.*

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