

# Prepp

## Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPS



UP TET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SSC GD Constable 2021 (English) Prev. Year Paper (29-Nov-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. Select the number from among the given options that can replace the question mark (?) in the following series. (+1, -0.25)

4, 22, 47, 83, 132, 198, 283, ?

- a. 319
- b. 391
- c. 491
- d. 419

- 
2. 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)

8 : 73 :: 9 : ?

- a. 100
- b. 91
- c. 8
- d. 98

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

23	63	34
31	?	28
27	63	18

- a. 76
- b. 71
- c. 67
- d. 63

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

12, 3, 24, 6, 36, 9, ?

- a. 54
- b. 12
- c. 48
- d. 60

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



a.



b.



c.



d.

6. Five members, the Director, Producer, Script writer, Choreographer and Set designer, of a film production team are sitting in a row facing towards the north. The Director is sitting next to the Producer. The Script writer is sitting next to the Choreographer. The Choreographer is not sitting with the Set designer, who is at the left end of the row. The Script writer is at the second position from the right. The Director is to the right of the Producer and Set designer. The Director and Script writer are sitting together. In which of the following positions is the Director sitting? (+1, -0.25)

- a. Between the Scriptwriter and the Set designer
- b. Between the Producer and the Scriptwriter
- c. Between the Set designer and the Choreographer
- d. Between the Producer and the Choreographer

7. 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. Thought
- 2. Throating
- 3. Throttlehold
- 4. Thorough
- 5. Thrombocyte

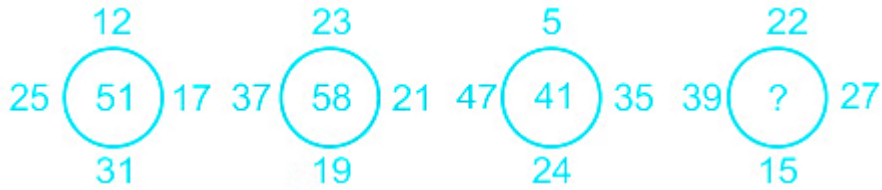
- a. 4, 1, 2, 5, 3
- b. 1, 4, 2, 3, 5
- c. 1, 4, 2, 5, 3
- d. 4, 1, 2, 3, 5

8. 'Belgium' is related to 'Euro' in the same way as 'Slovakia' is related to (+1, -0.25)

'-----'.

- a. Euro
- b. Riel
- c. Ruble
- d. Dollar

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



- a. 51
- b. 45
- c. 49
- d. 53

10. In a festival sale, seven cars of different companies - A, B, C, D, E, F and G - (+1, -0.25)  
 are standing facing west. A is second to the left of B. B is third to the left of C. D is between F and B. C, which is fourth to the right of G, is at one end. Which of the following is the correct position of E?

- a. Third to the left of B
- b. Fourth to the left of A
- c. Second to right of C
- d. Fifth to the right of G

11. Read the given statements and conclusions carefully. Assuming that the (+1, -0.25)  
 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.

Statements:

All woods are bottles.

All bottles are curtains.

Conclusions:

- I. All curtains are bottles.
  - II. Some bottles are woods.
- a. Only conclusion I follows
  - b. Only conclusion II follows
  - c. Either conclusion I or II follows
  - d. Both conclusions I and II follow

---

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

\_ P \_ L I P \_ L \_ \_ N L

- a. PNLLI
- b. INNIP
- c. IPPIP
- d. INLII

---

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

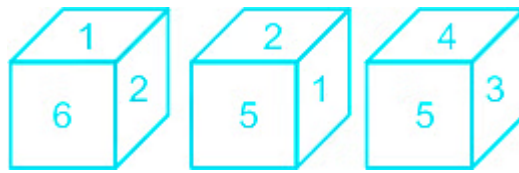


- a. HEADLINE\$



- b. HVAEDTINEŠ
- c. ŠEINDAETH
- d. HVAEDTINEŠ

14. Three different positions of the same dice are shown. Select the number that will be on the face opposite to the one having '1'. (+1, -0.25)



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

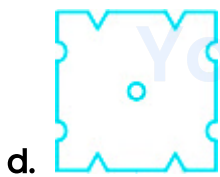
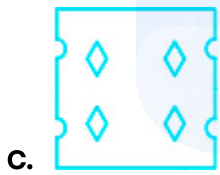
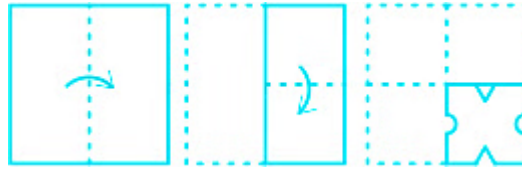
Prepp

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15. In a certain code language, 'WORD' is written as 'DLIW' and 'NOUN' is written as 'MLFM'. How will 'VERB' be written in that language? (+1, -0.25)

- a. EWIX
- b. EVIY
- c. GVIX
- d. FUJY

16. 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)



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

FGYJK : KJYGF :: LMQBG : ?

- a. GCPNM
- b. GBQML

c. HCRNM

d. HBQNL

---

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

SLOW, UNMU, WPKS, YRIQ, ?

a. WUKO

b. APKO

c. ATGO

d. WTGS

---

19. Pointing to a photograph, a woman said to a man, "She is the wife of the only son of your brother's grandfather." How is the woman in the photograph related to the man? (+1, -0.25)

a. Mother

b. Sister

c. Aunt

d. Grandmother

---

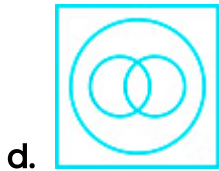
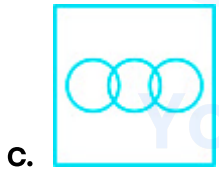
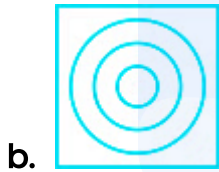
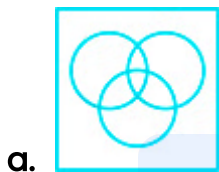
20. If '+' means 'subtraction', '÷' means 'addition', '<' means 'multiplication' and '>' means 'division', then find the value of ' $79 \div 11 < 18 > (6 > 3) + 9$ '. (+1, -0.25)

a. 81

- b. 169
- c. 109
- d. 121

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

Men, Entrepreneurs, Philanthropists



22. In a certain code language, 'CONVERT' is coded as '34142221820', and 'FORTUNE' is coded as '6418205142'. How will 'ACQUIRE' be coded in that language? (+1, -0.25)

- a. 131759185

- b. 1317219185
- c. 131753185
- d. 131753182

---

23. 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. QORM
- b. FDGB
- c. XVYS
- d. TRUP

---

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

- a. EJFVDVSV
- b. EJEVDWSW
- c. EJFUDWSV
- d. EJEVDWSV

---

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





prepp

Your Personal Exams Guide

## General Knowledge and General Awareness

26. In the Union Budget 2020-21, which of the following schemes was launched to reduce tax litigation? (+1, -0.25)
- a. Vivad Se Vardan
  - b. Vivad Pe Vishwas
  - c. Vivad Se Vishwas
  - d. Vishwas Pe Vishwas
- 
27. Who among the following was appointed as the new independent Chairman of the International Cricket Council (ICC) in November 2020? (+1, -0.25)
- a. N Srinivasan
  - b. Greg Barclay
  - c. Shashank Manohar
  - d. Imran Khwaja
- 
28. In September 2020, the Government of Australia appointed former cricketer Matthew Hayden and Indian origin politician \_\_\_\_\_ as trade envoys for advancing business ties with India. (+1, -0.25)
- a. Kaushaliya Vaghela
  - b. Deepak Raj Gupta
  - c. Dave Sharma
  - d. Lisa Singh

29. The cotton textiles 'Calico' originated from the present-day state of \_\_\_\_\_ ( +1, -0.25)

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

30. Who wrote the book 'India: An Introduction'? ( +1, -0.25)

- a. Lal Krishna Advani
- b. Khushwant Singh
- c. Jairam Ramesh
- d. APJ Abdul Kalam

31. Dominic Thiem is a professional tennis player from \_\_\_\_\_. ( +1, -0.25)

- a. Austria
- b. Russia
- c. Spain
- d. Germany

32. Herpes in humans is a: ( +1, -0.25)



- a. parasitic disease
  - b. fungal disease
  - c. viral disease
  - d. bacterial disease
- 

33. The Constitution of India lays down rules that guard against the misuse of power by our political leaders. Many of these laws are contained in the section on \_\_\_\_\_ (+1, -0.25)

- a. Fundamental Rights
  - b. Fundamental Duties
  - c. Directive Principles
  - d. Relations between the Union and the States
- 

34. A mature tropical cyclone is characterised by the strong spirally circulating wind around the centre, called the \_\_\_\_\_ (+1, -0.25)

- a. head
  - b. heart
  - c. nose
  - d. eye
- 

35. Which form of music is the legendary 'Lalon Fakir' associated with? (+1, -0.25)

- a. Thumri

- b. Qawwali
  - c. Sufi
  - d. Baul
- 

36. Why is Bodh Gaya an important Buddhist pilgrimage centre? (+1, -0.25)

- a. Gautam Buddha preached his first sermon here after attaining enlightenment.
  - b. Gautam Buddha attained parinirvana here.
  - c. Gautam Buddha attained enlightenment here.
  - d. Gautam Buddha was born here.
- 

37. Who among the following is the author of the book 'A Fine Balance'? (+1, -0.25)

- a. Shashi Tharoor
  - b. Rohinton Mistry
  - c. Jhumpa Lahiri
  - d. Arundhati Roy
- 

38. The Sardar Patel Zoological Park in Gujarat was inaugurated on the 30<sup>th</sup> October 2020 by \_\_\_\_\_ (+1, -0.25)

- a. Smriti Irani
- b. JP Nadda

- c. Narendra Modi
  - d. Amit Shah
- 

39. \_\_\_\_\_ is a method of soil conservation. (+1, -0.25)

- a. Terrace farming
  - b. Nomadic farming
  - c. Shelter farming
  - d. hydroponic farming
- 

40. The Natya Shastra describes stringed instruments as '\_\_\_\_\_ Vadya'. (+1, -0.25)

- a. Avanaddha
  - b. Sushir
  - c. Ghan
  - d. Tat
- 

41. As stated by the Minister of State for Finance, Shri. Pankaj Chaudhary, in Lok Sabha on 19 July 2021, India is the \_\_\_\_\_ largest holder of foreign exchange reserves in the world. (+1, -0.25)

- a. fourth
- b. fifth
- c. ninth

d. seventh

---

42. Which among the following is observed as the Constitution Day of India? (+1, -0.25)

- a. 26 November
  - b. 28 November
  - c. 27 November
  - d. 29 November
- 

43. Which of the following is NOT considered as a type of foul in the game of hockey? (+1, -0.25)

- a. Against the player who raises the stick dangerously near another player
  - b. Against the player who uses their stick to hit an opponent's stick
  - c. Against the player who hits the ball using the flat side of the stick
  - d. Against the player who uses their body or stick to prevent opponent from reaching the ball
- 

44. In 2020, scientists at the Institute of Nano Science and Technology (INST) developed a simple and economical treatment for \_\_\_\_\_ using the drug Aspirin. (+1, -0.25)

- a. polio
- b. asthma
- c. diabetes

d. cataract

---

45. Who according to the tribals of Chota Nagpur were referred to as the 'Dikus'? (+1, -0.25)

- a. Slaves
  - b. Predators
  - c. Outsiders
  - d. Warriors
- 

46. The International Day of Commemoration and Dignity of the Victims of the Crime of Genocide and of the Prevention of this crime is observed annually on: (+1, -0.25)

- a. 9 December
  - b. 9 October
  - c. 9 November
  - d. 9 September
- 

47. When an organisation is unable to honour its financial obligations or make payment to its creditors, it files for \_\_\_\_\_ in the court. (+1, -0.25)

- a. account payable
- b. account receivable
- c. debt financing

d. bankruptcy

---

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

- a. Iodine is a lustrous non-metal.
  - b. Carbon is a non-metal.
  - c. Lithium has a high density.
  - d. Sodium can catch fire if left in the open.
- 

49. Gorichen is the highest peak in ----- (+1, -0.25)

- a. Arunachal Pradesh
  - b. Assam
  - c. Sikkim
  - d. Manipur
- 

50. Who among the following foreign travellers was an Italian merchant who visited the Vijayanagara Kingdom? (+1, -0.25)

- a. Niccola de Conti
  - b. Fernao Nuniz
  - c. Duarte Barbosa
  - d. Marco Ricci
-

## Elementary Mathematics

51. If 4 men and 5 women can finish a work in 30 days and 6 men and 7 women can finish the same work in 24 days, how many days will it take for one woman alone to finish the two-third of the same work? (+1, -0.25)
- a. 60
- b. 72
- c. 70
- d. 40
- 
52. The average of four numbers is 10. If the first number is two-third of the second number, the second number is three fourth of the third number and the third number is four times the fourth number, then what is the third number? (+1, -0.25)
- a. 4
- b. 12
- c. 16
- d. 8
- 
53. What is the amount (in ₹) obtained by investing a sum of ₹18,000 at  $13\frac{1}{3}$  % p.a. for  $2\frac{1}{4}$  years, if the interest is compounded 9-monthly? (+1, -0.25)
- a. 23,859
- b. 23,895

- c. 23,958
- d. 23,598

---

54. The ratio of income of A and B is  $x : y$ . If the income of A is increased by 20% and that of B is decreased by 25%, then the ratio will become 64 : 45. Find the value of  $x : y$ . (+1, -0.25)

- a. 8 : 9
- b. 4 : 9
- c. 4 : 5
- d. 8 : 15

---

55. By selling four articles for ₹1,680, a person gains the cost price of four articles. The profit percentage is: (+1, -0.25)

- a. 120%
- b. 100%
- c. 90%
- d. 75%

---

56. Nine solid metallic spheres of radius 2.5 cm each are melted and recast into a solid cylinder of height 7.5 cm. The curved surface area (in  $\text{cm}^2$ ) of the cylinder is: (+1, -0.25)

- a.  $125 \pi$
- b.  $150 \pi$



c.  $120\pi$

d.  $75\pi$

---

57. Gita bought 80 oranges at the rate of ₹9.50 per orange. She sold 25% of these at ₹12 each and one-third of the remaining at ₹10 each. At what price per orange should she sell the remaining oranges to get an overall profit of 25%? (+1, -0.25)

a. ₹12.75

b. ₹11.50

c. ₹12

d. ₹13

---

58. The sum of the ages of A, B and C is 66 years. The ratio of the age of A to the combined ages of B and C is 5 : 6. The ratio of the age of B to the combined ages of A and C is 4 : 7. What is the age (in years) of C? (+1, -0.25)

a. 12

b. 18

c. 24

d. 15

---

59. What will be an equivalent discount of two successive discounts of 40% and 30% for an article? (+1, -0.25)

a. 38%

- b. 42%
- c. 35%
- d. 58%

60. A certain sum of money is divided into three parts in the proportion of 11 : 8 : 5. If the third part is ₹530. what is the sum (in ₹) of the other two parts? (+1, -0.25)

- a. 2,014
- b. 1,378
- c. 1,696
- d. 2,544

61. Simplify  $\frac{2\frac{3}{4}}{1\frac{5}{6}} \div \frac{7}{8} \times (\frac{1}{3} + \frac{1}{4}) + \frac{5}{7} \div \frac{3}{4} \text{ of } \frac{3}{7} - \frac{5}{4} \text{ of } \frac{3}{5}$ . (+1, -0.25)

- a.  $5\frac{1}{36}$
- b.  $4\frac{11}{36}$
- c.  $2\frac{17}{36}$
- d.  $3\frac{5}{36}$

62. A and B can complete a piece of work in 12 days and 20 days, respectively. They work together for 6 days. The remaining work is completed by C in 12 days. In how many days will B and C together complete  $\frac{2}{3}$  of the same work (+1, -0.25)

- a. 15 days

- b. 12 days
- c. 10 days
- d. 8 days

---

63. In a college, 80% of students are less than 20 years of age. The number of students more than 20 years of age is  $\frac{2}{3}$  of the number of students 20 years of age which is 48. What is the total number of students in the college? (+1, -0.25)

- a. 200
- b. 400
- c. 450
- d. 300

---

64. A path of uniform width of 5 m runs around the outside of a rectangular field 30 m long and 25 m in breadth. What is the area (in  $m^2$ ) of the path? (+1, -0.25)

- a. 1400
- b. 750
- c. 450
- d. 650

---

65. If 15% of a number exceeds 9% of the same number by 33, what is that number? (+1, -0.25)

- a. 500
  - b. 590
  - c. 570
  - d. 550
- 

66. A shopkeeper marked an item at ₹4,000. He earns a profit of 20% after selling it with a 10% discount on the marked price. If he sells it at a price of ₹100 less than the marked price, then what is his profit percentage? (+1, -0.25)

- a. 30
  - b. 25
  - c. 28
  - d. 20
- 

67. Find the largest number which can exactly divide 228, 282 and 288. (+1, -0.25)

- a. 4
  - b. 3
  - c. 8
  - d. 6
- 

68. A lent ₹10,000 to B for 3 years on compound interest at 10% per annum compounded annually. C lent the same amount for the same period to D at 11% simple interest. Who gained more at the end of 3 years and how much? (+1, -0.25)

- a. A gained ₹376 more
- b. C gained ₹10 more
- c. A gained ₹10 more
- d. C gained ₹300 more

---

69. The value of  $3 \times 2 \div 3$  of  $2 \times 3 \div (5 + 5 \times 5 \div 5$  of  $5 - 5 \div 10$  of  $\frac{1}{5}) + 2 \div 7$  of 2 is: (+1, -0.25)

- a. -1
- b. 0
- c. 2
- d. 1

---

70. A certain sum amounts to ₹14,160 in 3 years at 6% per annum, at simple interest. What will be the simple interest on the same sum in  $4\frac{2}{3}$  years at the same rate of interest? (+1, -0.25)

- a. ₹3,920
- b. ₹3,120
- c. ₹3,360
- d. ₹2,800

---

71. A car covers a distance of 150 km at a uniform speed. The time taken for the journey is two-third of the speed in km/h, in terms of numerical values. The time (in hours) taken to cover the distance of 150 km is: (+1, -0.25)

- a. 9
  - b. 12
  - c. 10
  - d. 15
- 

72. The speed of a train was increasing by 3 km/h after every one hour for up to 10 hours and then, it was increasing by 5 km/h. If the distance traveled in the first one hour was 40 km. what was the total distance covered by the train in 20 hours? (+1, -0.25)

- a. 535 km
  - b. 895 km
  - c. 1,480 km
  - d. 800 km
- 

73. A person wanted to sell his watch initially at 10% discount to his sister who wants to buy that watch. Later, the person sells it at 12% discount having ₹80 less in his profit. Find the marked price of the watch. (+1, -0.25)

- a. ₹4,000
  - b. ₹4,200
  - c. ₹3,500
  - d. ₹3,750
-

74.  $k$  is the smallest number of 5-digits, which when divided by 18, 24, 30, 40 and 42, leaves a remainder 7 in each case. The sum of the digits of  $k$  is: (+1, -0.25)

- a. 9
- b. 7
- c. 16
- d. 11

75. The average of six consecutive even numbers, taken in increasing order, is 107. What is the average of the last three numbers? (+1, -0.25)

- a. 116
- b. 108
- c. 112
- d. 110

prepp

Your Personal Exams Guide

## English

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

The Hindi question paper was extremely tougher for 7<sup>th</sup> grade students.

- a. tougher
- b. The Hindi question paper
- c. for 7<sup>th</sup> grade students
- d. was extremely

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

To lag behind

- a. To fail to maintain the pace or progress
- b. To chase someone for long
- c. To follow someone as a spy
- d. To imitate someone closely

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

- a. Successfull
- b. Strategy
- c. Definition
- d. Continuously



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

Land beside a sea

- a. Island
- b. Coast
- c. Archipelago
- d. Peninsula

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

Things which are of the same kind and of the same dimensions

- a. Balanced
- b. Pleasant
- c. Homogeneous
- d. Harmonious

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 will be in touch with them when the time is arrived.

- a. No substitution required
- b. was arrived

- c. Arrives
  - d. Arrived
- 

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

- a. Aluminiem
  - b. Manufacturing
  - c. Excretory
  - d. Resistivity
- 

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

Customs and traditions play a \_\_\_\_\_ role in all the societies.

- a. significant
  - b. inspiring
  - c. sufficient
  - d. refreshing
- 

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

Contextual

- a. Circumstantial
- b. Unrelated
- c. Dependent

d. Provisional

---

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

The paintings on the church altar seem to be in need of \_\_\_\_\_.

- a. renovation
  - b. redecoration
  - c. restoration
  - d. reconstruction
- 

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

Fare

- a. Fresh
  - b. Beautiful
  - c. Progress
  - d. Bright
- 

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

Rapid

- a. Lumbering
- b. Straight
- c. Quick

d. Successive

- 
88. 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)

There was a time when storybooks were the only (1) \_\_\_\_\_ of entertainment for children. A decade or two ago, kids (2) \_\_\_\_\_ their time reading stories and role playing (3) \_\_\_\_\_ favourite characters from the stories. (4) \_\_\_\_\_, times have changed now – in the age of the internet, kids spend (5) \_\_\_\_\_ of their time playing games on smartphones or watching cartoons or videos on YouTube.

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

- a. However
- b. While
- c. Though
- d. In spite

- 
89. Select the option that will improve the underlined part of the sentence. In case no improvement is needed, select 'No improvement required'. (+1, -0.25)

You may either wait at the reception or come back later.

- a. even wait
- b. neither wait
- c. No improvement required
- d. either waiting

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

Mother beat Jenny / by a stick / for going out / without permission.

- a. for going out
- b. without permission
- c. by a stick
- d. Mother beat Jenny

91. 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)

Your decision to stay home this weekend is more better than mine to go out for dinner.

- a. No substitution required
- b. much better than mine
- c. most better than mine
- d. much better than my

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

Jack asked his / friends to send the parcel / on his / new address.

- a. new address

- b. Jack asked his
- c. friends to send the parcel
- d. on his

93. 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)

There was a time when storybooks were the only (1) \_\_\_\_\_ of entertainment for children. A decade or two ago, kids (2) \_\_\_\_\_ their time reading stories and role playing (3) \_\_\_\_\_ favourite characters from the stories. (4) \_\_\_\_\_, times have changed now – in the age of the internet, kids spend (5) \_\_\_\_\_ of their time playing games on smartphones or watching cartoons or videos on YouTube.

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

- a. are spending
- b. spend
- c. spent
- d. have spent

94. 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)

There was a time when storybooks were the only (1) \_\_\_\_\_ of entertainment for children. A decade or two ago, kids (2) \_\_\_\_\_ their time reading stories and role playing (3) \_\_\_\_\_ favourite characters from the stories. (4) \_\_\_\_\_, times have changed now – in the age of

the internet, kids spend (5) \_\_\_\_\_ of their time playing games on smartphones or watching cartoons or videos on YouTube.

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

- a. her
- b. his
- c. its
- d. their

---

95. 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)

There was a time when storybooks were the only (1) \_\_\_\_\_ of entertainment for children. A decade or two ago, kids (2) \_\_\_\_\_ their time reading stories and role playing (3) \_\_\_\_\_ favourite characters from the stories. (4) \_\_\_\_\_, times have changed now – in the age of the internet, kids spend (5) \_\_\_\_\_ of their time playing games on smartphones or watching cartoons or videos on YouTube.

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

- a. meaning
- b. mean
- c. meant
- d. means

---

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

Rash

- a. Defiant
  - b. Wayward
  - c. Unruly
  - d. Careful
- 

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

Well-known for bad qualities or deeds

- a. Notorious
  - b. Burglar
  - c. Thief
  - d. Idiot
- 

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---

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

My brother wants to \_\_\_\_\_ a career in medicine.

- a. chase
  - b. pursue
  - c. aspire
  - d. aim
-



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

(+1, -0.25)

Lap up

- a. Eat something slowly
- b. Go around a circle
- c. Move up very fast
- d. Accept eagerly

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)

There was a time when storybooks were the only (1) \_\_\_\_\_ of entertainment for children. A decade or two ago, kids (2) \_\_\_\_\_ their time reading stories and role playing (3) \_\_\_\_\_ favourite characters from the stories. (4) \_\_\_\_\_, times have changed now – in the age of the internet, kids spend (5) \_\_\_\_\_ of their time playing games on smartphones or watching cartoons or videos on YouTube.

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

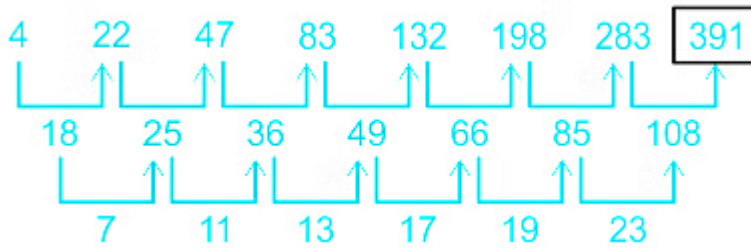
- a. masses
- b. many
- c. most
- d. maximum

## Answers

### 1. Answer: b

#### Explanation:

The logic here followed is :



Hence, the correct answer is "391".

### 2. Answer: b

#### Explanation:

The logic followed here is:

Logic:  $\text{Number} \times (\text{Number} + 1) + 1$

- $8 : 73 \rightarrow 8 \times (8 + 1) + 1 = 8 \times 9 + 1 = 72 + 1 = 73$

Similarly,

- $9 : ? \rightarrow 9 \times (9 + 1) + 1 = 9 \times 10 + 1 = 90 + 1 = 91$

Hence, '91' is the correct answer.

### 3. Answer: a

### Explanation:

Here the pattern followed in each row is:

$$(1^{\text{st}} \text{ number} \times 2) + (3^{\text{rd}} \text{ number} \div 2) = 2^{\text{nd}} \text{ number}$$

Row 1:

23	63	34
----	----	----

$$(23 \times 2) + (34 \div 2) = 46 + 17 = 63 = \text{Second number}$$

Row 3 :

27	63	18
----	----	----

$$(27 \times 2) + (18 \div 2) = 54 + 9 = 63 = \text{Second number}$$

Similarly

Row 2 :

31	?	28
----	---	----

$$(31 \times 2) + (28 \div 2) = 62 + 14 = 76 = \text{Second number}$$

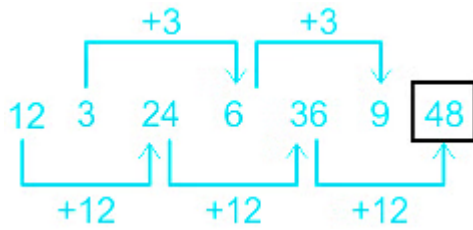
Hence, "76" is correct answer.

---

#### 4. Answer: c

### Explanation:

The logic followed here is:



Hence, ' 48 ' is the correct answer.



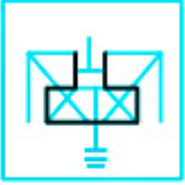




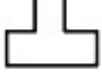
5. Answer: b

Explanation:

The image embedded in given figure is as shown below:



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

Hence, ' option 2 ' is the correct answer.

6. Answer: b

Explanation:

Five members, the **Director, Producer, Script writer, Choreographer and Set designer** , of a film production team are sitting in a row facing towards the north.

1. The Choreographer is not sitting with the Set designer, who is at the left end of the row.

2. The Script writer is at the second position from the right.



3. The Script writer is sitting next to the Choreographer.

4. The Director is to the right of the Producer and Set designer.

5. The Director is sitting next to the Producer.

6. The Director and Script writer are sitting together.



Position in which the Director is sitting:

1. Between the Scriptwriter and the Set designer → Two persons Producer and Director are sitting between the Scriptwriter and the Set designer.
2. Between the Producer and the Scriptwriter → **Director is sitting between the Producer and the Scriptwriter .**
3. Between the Set designer and the Choreographer → Three persons Producer, Director and Scriptwriter are sitting between the Set designer and the Choreographer.
4. Between the Producer and the Choreographer → Two persons Director and Scriptwriter are sitting between the Producer and the Choreographer.

Hence, ' **option 2** ' is the correct answer.

7. **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:

4. **Tho** rough
1. **Thou** ght
2. **Throa** ting
5. **Throm** bocyte
3. **Throt** tlehold

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

---

### 8. Answer: a

#### Explanation:

The logic followed here is:

- 'Belgium' is related to 'Euro' → The **euro** is the official currency of **Belgium** .

Similarly,

- 'Slovakia' is related to ' \_\_\_\_\_ ' → The **euro** is the official currency of **Slovakia**

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

---

### 9. Answer: c

#### Explanation:

Here the pattern followed is:

$$\begin{array}{ccc} & 12 & \\ 25 & \textcircled{51} & 17 \\ & 31 & \end{array}$$

$$\Rightarrow (25 + 12 + 31) - 17 = 68 - 17 = 51$$

$$\begin{array}{ccc} & 23 & \\ 37 & \textcircled{58} & 21 \\ & 19 & \end{array}$$

$$\Rightarrow (19 + 37 + 23) - 21 = 79 - 21 = 58$$

$$\begin{array}{ccc} & 5 & \\ 47 & \textcircled{41} & 35 \\ & 24 & \end{array}$$

$$\Rightarrow (24 + 47 + 5) - 35 = 76 - 35 = 41$$

Similarly,

$$\begin{array}{ccc} & 22 & \\ 39 & \textcircled{?} & 27 \\ & 15 & \end{array}$$

$$\Rightarrow (15 + 39 + 22) - 27 = 76 - 27 = 51$$

Hence, "51" is correct answer.

10. Answer: a

**Explanation:**

In a festival sale, seven cars of different companies - A, B, C, D, E, F and G - are standing facing west.

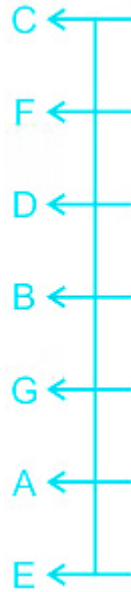


1. C, which is fourth to the right of G, is at one end.
2. B is third to the left of C.
3. D is between F and B.



4. A is second to the left of B.

5. E, the only car left will occupy the vacant position.



1. Third to the left of B → E is third to the left of B.
2. Fourth to the left of A → There is no one fourth to the left of A.
3. Second to right of C → There is no one second to right of C.
4. Fifth to the right of G → There is no one fifth to the right of G.

Clearly, third to the left of B is the correct position of E.

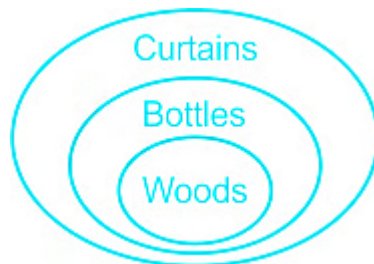
Hence, 'Third to the left of B' is the correct answer.

11. Answer: b

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Explanation:

The least possible Venn diagram is:



Conclusions:

I. All curtains are bottles. → Do not follow (As, All bottles are curtains → Some curtains are bottles)

II. Some bottles are woods. → Follow (As, All woods are bottles)

Hence, **only conclusion II follows** .

**12. Answer: b**

**Explanation:**

Given sequence: \_ P \_ L I P \_ L \_ \_ N L

1. PNLLI → P P N L - I P L L - L I N L
2. INNIP → I P N L - I P N L - I P N L
3. IPPIP → I P P L - I P P L - I P N L
4. INLII → I P N L - I P L L - I I N L

- In option 2, IPNL is repeated.

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

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**13. Answer: c**

**Explanation:**

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



- The line PQ is the mirror.

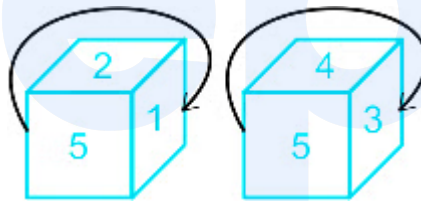
- The given letters "HEADLINES" is written as SENILDAEH, exactly reverse of HEADLINES ⇒ Option 1 is eliminated.
- The given numbers " HEADLINES " is written as SENILDEAH, exactly reverse of HEADLINES ⇒ Option 2 is eliminated.
- The given numbers " HEADLINES " is written as HAEDLINES, which is not the correct spelling of HEADLINES ⇒ Option 4 is eliminated.

Hence, ' option 3 ' is the correct answer.

14. Answer: a

Explanation:

As 5 is common in 2nd and 3rd dice, keeping it constant and then rotating in clockwise direction, we get the faces opposite to each other:



5	2	1
5	4	3

Clearly, number '3' will be on the face opposite to the one having '1'.

Hence, ' 3 ' is the correct answer.

15. 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

Letters of the word are coded according to the equivalent opposite letter of a particular letter of the word.

W	O	R	D
D	L	I	W

N	O	U	N
M	L	F	M

Similarly,

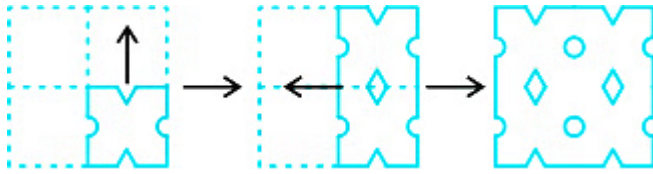
V	E	R	B
E	V	I	Y

Hence, 'EVIY' is the correct answer.

16. Answer: b

Explanation:

The paper when unfolded will appear as shown below:

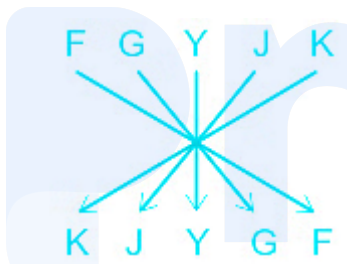


Hence, 'option 2' is the correct answer.

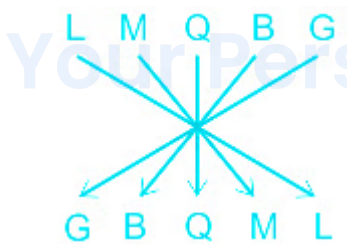
17. Answer: b

Explanation:

The logic followed here is:



Similarly,



Hence, 'GBQML' is the correct answer.

18. 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:

$$\begin{array}{ccccccc}
 S & \xrightarrow{+2} & U & \xrightarrow{+2} & W & \xrightarrow{+2} & Y & \xrightarrow{+2} & A \\
 L & \xrightarrow{+2} & N & \xrightarrow{+2} & P & \xrightarrow{+2} & R & \xrightarrow{+2} & T \\
 O & \xrightarrow{-2} & M & \xrightarrow{-2} & K & \xrightarrow{-2} & I & \xrightarrow{-2} & G \\
 W & \xrightarrow{-2} & U & \xrightarrow{-2} & S & \xrightarrow{-2} & Q & \xrightarrow{-2} & O
 \end{array}$$

Hence, 'ATGO' is the correct answer.

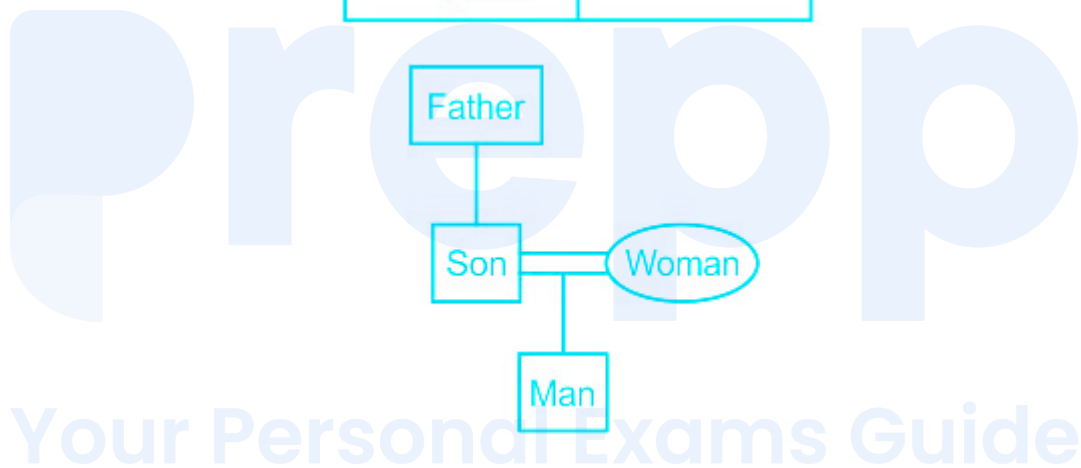
19. Answer: a

Explanation:

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

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



Clearly, the woman in the photograph is mother of the man.

Hence, ' **Mother** ' is the correct answer

20. **Answer: b**

**Explanation:**

Given equation:  $79 \div 11 < 18 > (6 > 3) + 9$



Symbol	+	÷	<	>
Meaning	-	+	×	÷

After replacing the symbols by their meaning, we get:

$$79 + 11 \times 18 \div (6 \div 3) - 9$$

$$= 79 + 11 \times 18 \div 2 - 9$$

$$= 79 + 11 \times 9 - 9$$

$$= 79 + 99 - 9$$

$$= 178 - 9$$

$$= 169$$

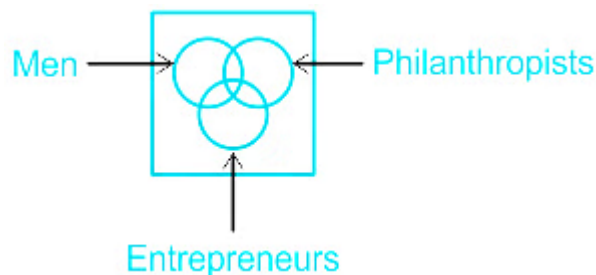
Hence, '169' is the correct answer.

21. Answer: a

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Explanation:

The Venn diagram the best represents the relationship between Men, Entrepreneurs, and philanthropists is shown below:



Some men are Entrepreneurs, Some men are philanthropists and some Entrepreneurs are philanthropists.

Hence, 'option 1' is the correct answer.

22. 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

Vowels are coded as:

A	E	I	O	U
1	2	3	4	5

The logic followed here is:

C	O	N	V	E	R	T
3	4	14	22	2	18	20

F	O	R	T	U	N	E
6	4	18	20	5	14	2

Similarly,

A	C	Q	U	I	R	E
1	3	17	5	3	18	2

Hence, '131753182' 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:

1. QORM → Q - 2 = O; O + 3 = R; R - 5 = M
2. FDGB → F - 2 = D; D + 3 = G; G - 5 = B
3. XVYS → X - 2 = V; V + 3 = Y; Y - 6 = S
4. TRUP → T - 2 = R; R + 3 = U; U - 5 = P

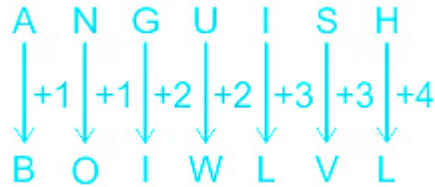
Hence, ' XVYS ' is the odd one out.

24. 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:



Similarly,



Hence, 'EJEVDWSV' is the correct answer.

25. Answer: b

Explanation:

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

As we move along the series, we observe that the figure is rotating in 90° clockwise direction.



Hence, 'option 2' is the correct answer.

26. Answer: c

**Explanation:**

The correct answer is Vivad Se Vishwas.

★ Key Points

- Vivad Se Vishwas was launched to reduce tax litigation.
- The Vivad se Vishwas Scheme has received 15 times better response in comparison to Direct Tax Dispute Resolution Scheme, 2016 (DTDRS).
- Vivad Se Vishwas has settled almost a quarter of the over 5.10 lakh tax disputes, with about ₹97,000 crore worth disputed tax being resolved.
- The Direct Tax Vivad se Vishwas Act, 2020 was enacted on March 17, 2020 to settle direct tax disputes.

★ Additional Information

- The Union Budget was structured on the overall theme of "Ease of Living".
- The nominal growth rate of GDP is expected to be 10% in 2020-21.
- A total of Rs. 64,180 crores to be spent on healthcare.
- Defense gets Rs 3.37 lakh crore as the defense budget.
- The allocation for higher education is Rs. 39466.52 crores, up from Rs. 38317.01 crore the previous year. As compared to the previous year, there has been a rise of around Rs.1149.51 crore.
- A new scheme named, Education Quality Up-gradation and Inclusion Program (EQUIP), has been envisaged by the Department of Higher Education, MHRD.
- TEQIP, the World Bank assisted Technical Education Quality Improvement Program, has been allocated Rs. 650 crore.

---

27. Answer: b

**Explanation:**

The correct answer is Greg Barclay.

★ Key Points

- Greg Barclay, the new independent chairman of the International Cricket Council, belongs to New Zealand .
- Greg Barclay has been elected as the new Independent Chair of the International Cricket Council (ICC) and he succeeds Shashank Manohar, who stepped down earlier this year.
- Barclay, an Auckland-based commercial lawyer, has been a director of New Zealand Cricket (NZC) since 2012 and is currently NZC's representative on the board of the International Cricket Council.
- He will step down from his position at NZC to lead the ICC independently.
- He was a director of the ICC Men's Cricket World Cup 2015 and is a former board member and chairman of the Northern Districts Cricket Association.
- Greg is also an experienced company director holding board positions with various New Zealand and Australian companies.

★ Additional Information

- The International Cricket Council
  - The ICC is the global governing body for cricket. Representing 108 members, the ICC governs and administrates the game and works with our members to grow the sport.
  - The ICC is also responsible for the staging of all ICC events.
  - The ICC presides over the ICC Code of Conduct, playing conditions, the Decision Review System, and other ICC regulations.
  - The ICC also appoints all match officials that officiate at all sanctioned international matches.
  - Through the Anti-Corruption Unit, it coordinates action against corruption and match-fixing.

---

28. Answer: d

Explanation:

The correct answer is Lisa Singh.

★ Key Points

- In September 2020, The Australian government has appointed former cricketer Matthew Hayden and Indian-origin politician Lisa Singh as trade envoys for advancing business ties with India.
- Three new appointments to the board of the Australia-India Council were announced on 31 August 2020.
- Ashok Jacob has been reappointed as chair and will be joined by three new board members.

★ Additional Information

- Australia:
  - Capital - Canberra.
  - Currency - Australian dollar.
  - Prime minister - Anthony Albanese.
  - National Sport - Australian Rules football.

---

29. Answer: d

Explanation:

The correct answer is Kerala.

★ Key Points

- The cotton textiles ' **Calico** ' originated from the present-day state of **Kerala**.
- Cotton textiles which were taken by Portuguese from Calicut are generally named in Europe as Calico.
- Portuguese first came to India in search of spices and landed in Calicut on the Kerala coast and took back cotton along with spice to Europe.
- The Portuguese came to India in search of Spices.

★ Additional Information

- Vasco da Gama of Portuguese was the first to discover a sea route from Europe to India in 1498 AD.
- The British East India Company (EIC) came to India in 1608 at the port of Surat.
- **Portuguese** established their first factory in India at **Calicut** in 1500 AD.
  - This factory was abandoned in 1525 AD due to the opposition of Zamorin of Calicut .
- Portuguese established their second factory at Cochin in 1501 AD.

30. Answer: b

**Explanation:**

The correct answer is Khushwant Singh.

★ Key Points

- **Khushwant Singh** wrote the book 'India: An Introduction'.
- Khushwant Singh (born Khushal Singh, 2 February 1915 – 20 March 2014) was an Indian author, lawyer, diplomat, journalist and politician.
- Books by Khushwant Singh
  - The Mark of Vishnu and Other Stories, (Short Story) 1950
  - The History of Sikhs, 1953
  - Train to Pakistan, (Novel) 1956
  - Ranjit Singh: The Maharaja of the Punjab, 1963
  - Ghadar 1915: India's first armed revolution, 1966
  - A Bride for the Sahib and Other Stories, (Short Story) 1967
  - The tragedy of Punjab'
  - Delhi: A Novel, (Novel) 1990
  - Sex, Scotch & Scholarship, 1992 Collection of Writings
  - Not a Nice Man to Know: The Best of Khushwant Singh, 1993
  - Big Book of Malice, 2000, Collection of Writings
  - Death at My Doorstep, 2005
  - The Good, The Bad and The Ridiculous
  - The Sunset Club, (Novel) 2010



★ Additional Information

- **Lal Krishna Advani** is an Indian politician who served as the **7th Deputy Prime Minister of India from 2002 to 2004.**
- **Jairam Ramesh** is an Indian politician belonging to Indian National Congress.
  - He is a Member of Parliament representing Karnataka state in the Rajya Sabha.
- **Avul Pakir Jainulabdeen Abdul Kalam** was an Indian aerospace scientist and statesman who served as the 11th President of India from 2002 to 2007.

31. **Answer: a**

**Explanation:**

The correct answer is Austria.

★ Key Points

- Dominic Thiem won his first Grand Slam title at the US Open 2020 .
- He is an Austrian tennis player.
- He has been ranked as high as world No. 3 in singles by the Association of Tennis Professionals.

★ Additional Information

Tennis Players	Representing country
Novak Djokovic	Serbia
Steffi Graf	Germany
Serena Williams	USA
Rafael Nadal	Spain
Ashleigh Barty	Australia

32. Answer: c

**Explanation:**

The correct answer is viral disease.

★ Key Points

- Herpes in humans is a **viral disease**.
- There are eight herpes viruses for which humans are the primary host.
- They are the herpes
  - simplex virus 1,
  - herpes simplex virus 2,
  - varicella-zoster virus,
  - Epstein-Barr virus,
  - cytomegalovirus,
  - Human herpesvirus-6,
  - Human herpesvirus-7,
  - Kaposi's sarcoma herpes virus.
- Other Viral disease:
  - Foot and Mouth Disease (FMD)
  - Rabies
  - Plague
  - Pox
  - Influenza

★ Additional Information

Bacterial Disease	Fungal Disease	Parasitic disease
Anthrax	Fungal nail infections	Tapeworm infestation
Black quarter	skin rash	Hydatid cyst
Tetanus	Candidiasis	Ascariasis
Tuberculosis	Valley Fever	Babesiosis
Colibacillosis	Pneumocystis pneumonia	Theileriosis

33. Answer: a

Explanation:

The correct answer is Fundamental Rights.

★ Key Points

- The **Constitution of India** lays down rules that guard against the misuse of power by our political leaders.
- Many of these laws are contained in the section on **Fundamental Rights**.
- The Constitution which lays down the basic structure of a nation's polity is built on the foundations of certain fundamental values.
- The vision of our founding fathers and the aims and objectives which they wanted to achieve through the Constitution are contained in the **Preamble, the Fundamental Rights and the Directive Principles**.
- These three may be described as the soul of the Constitution and the testament of the founding fathers to the succeeding generations together with the later Part on **Fundamental Duties**.

★ Additional Information

- Part III of the Constitution of India deals with Fundamental rights.
- They are a group of rights that have been recognized with a high degree of protection from encroachment.

- Right to Equality (Article 14-18)
- Right to Freedom (Article 19-22)
- Right against Exploitation (Article 23-24)
- Right to Freedom of Religion (Article 25-28)
- Cultural and Educational Rights (Article 29-30)
- Right to Constitutional Remedies (Article 32)
- The Fundamental Duties are defined as the moral obligations of all citizens to help promote a spirit of patriotism and to uphold the unity of India.
  - These duties set out in Part IV-A of the Constitution, concern individuals and the nation.
- DPSP are ideals that are meant to be kept in mind by the state when it formulates policies and enacts laws

34. Answer: d

Explanation:

The correct answer is eye.

★ Key Points

- A mature tropical cyclone is characterised by the strong spirally circulating wind around the centre, called the **eye**.
- The eye is a region of calm with subsiding air.
- Around the eye is the eye-wall, where there is a strong spiralling ascent of air to the greater height reaching the tropopause.
- The wind reaches maximum velocity in this region, reaching as high as 250 km per hour. Hence statement 2 is not correct.
- Torrential rain occurs here.
- From the eyewall, rain bands may radiate and trains of cumulus and cumulonimbus clouds may drift into the outer region.

★ Additional Information

- The diameter of the storm over the Bay of Bengal, Arabian Sea, and the Indian ocean is between 600 - 1200 km.

- The system moves slowly about 300 – 500 km per day.
- The cyclone creates storm surges and they inundate the coastal low lands.
  - The storm peters out on the land.
- The energy that intensifies the storm, comes from the latent heat released during the condensation process in the towering cumulonimbus clouds.

35. Answer: d

**Explanation:**

The correct answer is Baul.

★ Key Points

- The legendary 'Lalon Fakir' associated with **Baul**.
- It is a folk music tradition native to the state of West Bengal.
- It has elements of **Tantra, Sufism, Vaishnavism, and Buddhism**.
- It is not adapted from the Afro-Arab music of Yemen.
- It is practiced by Bauls, a syncretic religious sect of Vaishnavs and Sufis.
- It is part of **UNESCO Intangible Cultural Heritage**.

★ Additional Information

- Qawwali is a form of music usually associated with Sufism.
- Sufi music is the devotional music of the Sufis, inspired by the works of Sufi poets, like Rumi, Hafiz, Bulleh Shah, Amir Khusrow and Khwaja Ghulam Farid.
- Qawwali is the best-known form of Sufi music and is most commonly found in the Sufi culture in South Asia.
- Thumri :
  - Thumri is a vocal genre or style of Indian music.
  - The term "thumri" is derived from the Hindi verb thumakna, which means "to walk with dancing steps so as to make the ankle-bells tinkle."
  - A ghazal is mainly a poetic form than a musical form, but it is more song-like than the thumri.

36. Answer: c

**Explanation:**

The correct answer is Gautam Buddha attained enlightenment here.

★ Key Points

- **Bodh Gaya** is famous as it is the place where **Gautama Buddha is said to have attained Enlightenment** under what became known as the Bodhi Tree.
- The Mahabodhi temple in Bodh Gaya.
- The temple has a Bodhi tree, under which he attained enlightenment.
- It is a UNESCO World Heritage Site.
- It is one of the holiest places of Buddhism.

★ Additional Information

- Birth Place: Lumbini
- First Sermon: Sarnath
- Place of Death: Kushinagar

37. Answer: b

**Explanation:**

The correct answer is Rohinton Mistry.

★ Key Points

- **Rohinton Mistry** is the author of the book '**A Fine Balance**'.
- "A fine balance" novel was published in the year 1995.
- It was one of the only two books selected for Oprah's book club.
- The book belongs to the Genre of "Historical novel".
- His other novels include -
  - Such a long journey

- Family matters

★ Additional Information

- **Shashi Tharoor books:** An Era of Darkness, Why I Am a Hindu, The Great Indian Novel, Inglorious Empire, The Paradoxical Prime Minister.
- **Jhumpa Lahiri books:** The Namesake, The Lowland, Whereabouts, The Clothing of Books.
- **Arundhati Roy books:** The Algebra of Infinite Justice, The God of Small Things, The Ministry of Utmost Happiness.

38. Answer: c

Explanation:

The correct answer is Narendra Modi.

★ Key Points

- The Sardar Patel Zoological Park in Gujarat was inaugurated on the 30 th October 2020 by **Narendra Modi**.
- Modi also inaugurated Sardar Patel Zoological Park , popularly known as Jungle Safari, in Kevadia, Narmada district.
- The park has been set up near the 182-metre Statue of Unity .

★ Additional Information

- Gujarat:
  - State Animal - Asiatic lion.
  - State Bird - Greater flamingo.
  - National Parks- Vansda National Park, Blackbuck National Park, Gir Forest National Park, Marine National Park.
  - Dams - Sardar Sarovar Dam(Narmada River), Ukai Dam (Tapti River), Dantiwada Dam (Banas River), Kadana dam (Mahi River), Kamleshwar Dam(Hiran River).
  - Registered GI: Agates of Cambay, Kutch Embroidery, Patan Patola.

39. Answer: a

**Explanation:**

The correct answer is Terrace farming.

★ Key Points

- **Terrace farming** is a method of soil conservation.
- It is a method of soil conservation that is practised on hilly terrain.
- On steep slopes of a hill, broad flat steps or terraces are built so that level surfaces can be used to cultivate crops.
- They reduce surface runoff and soil erosion.

★ Additional Information

Some other methods of soil conservation are:

- **Mulching:**
  - A covering of organic materials, such as straw, is applied to the bare ground between plants.
  - It helps to retain soil moisture.
- **Rock dam:**
  - Rocks are piled up to slow the flow of water.
  - This prevents gullies and further soil loss.
- **Contour barriers:**
  - Along contours, stones, grass, and soil are used to create barriers.
  - To collect water, trenches are dug in front of the barriers.
- **Intercropping:**
  - Various crops are cultivated in alternate rows and sowed at different times to protect the soil from rainwash.
- **Contour ploughing:**
  - Ploughing parallel to the contours of a hill slope creates a natural barrier for water to flow down the slope.
- **Shelterbelts:**



- Rows of trees are planted in coastal and dry regions to reduce wind movement and protect soil cover.

40. Answer: d

**Explanation:**

The correct answer is Tat.

★ Key Points

- The **Natya Shastra** describes stringed instruments as 'Tat Vadya'.
- The **String Instruments** are known as Tat Vadya.
- They are the **Plucked Stringed Instruments**.

★ Additional Information

- The Indian Classical Musical system has two major traditions - Hindustani and Carnatic.
- Additionally, there are several other traditions such as folk, tribal, etc.
- The musical instruments of India bring along a rich heritage and form an integral part of the cultural traditions of this country.
- Natya Shastra by Bharat Muni (composed between 200 BC and 200 AD) clubbed musical instruments into four groups :
  1. Avanaddha Vadya (membranophones or percussion instruments)
  2. Ghan Vadya (idiophones or solid instruments)
  3. Sushir Vadya (aerophones or wind instruments)
  4. Tat Vadya (chordophones or stringed instruments)

41. Answer: b

**Explanation:**

The correct answer is fifth.

### ★ Key Points

- As stated by the Minister of State for Finance, Shri. Pankaj Chaudhary, in Lok Sabha on 19 July 2021, India is the fifth largest holder of foreign exchange reserves in the world.
- India has emerged as the fifth-largest foreign exchange reserves holder in the world after China, Japan, Switzerland, and Russia.
- The country's forex reserves stood at around \$609 billion on 25 June 2021.
- The country's foreign exchange reserves position is comfortable in terms of import cover of more than 18 months and provides a cushion against unforeseen external shocks.

### ★ Additional Information

- In 2020-21, India's balance of payments recorded a surplus in both current account and capital account which contributed to the increase in foreign exchange reserves during the year.
- According to the latest data released by the RBI in August 2021, India has emerged as the fourth-largest foreign exchange reserves holder in the world after China, Japan and Switzerland.
- India's total foreign exchange (Forex) reserves stood at around **US\$633 billion** on 25 August 2021.

Your Personal Exams Guide

42. Answer: a

### Explanation:

The correct answer is 26 November.

### ★ Key Points

- Constitution Day is also known as "National Law Day", is celebrated in India on 26 November every year to commemorate the adoption of the Constitution of India, **26 November 1949**.
- The Constituent Assembly of India adopted the Constitution of India, and it came into effect on 26 January 1950.

- The Government of India declared 26 November as Constitution Day on 19 November 2015 by a gazette notification.
- The Constitution of India is the supreme law of India.
- The document lays down the framework that demarcates the fundamental political code, structure, procedures, powers, and duties of government institutions and sets out fundamental rights, directive principles, and the duties of citizens.

★ **Additional Information**

Important Days Celebrated in India:-

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

43. Answer: c

Explanation:

The correct answer is Against the player who hits the ball using the flat side of the stick.

★ Key Points

- Hockey players can **only hit the ball with the flat side of their stick.**
- Hence Against the player who hits the ball using the flat side of the stick is NOT considered as a type of foul in the game of hockey.

★ Additional Information

- A number of **different types of foul** may be punished in a game of hockey.
  - **Obstruction-** This is awarded against a hockey player who uses their body or stick to prevent an opponent from reaching the ball.
  - **Third-party obstruction-** This is awarded when a hockey player positions themselves between the ball and an opponent, allowing a team-mate an unobstructed play on the ball.
  - **Advancing-** This is awarded against a player who shoves, pushes, or advances the ball in any way, using any part of their body.
  - **Backsticks-** This is awarded against a player who strikes the ball with the rounded back of the hockey stick.
  - **Hockey stick interference-** This is awarded against a player who uses their stick to hit an opponent's stick, either intentionally or unintentionally.
  - **Undercutting-** This is awarded against a player who lifts the ball in a dangerous manner.
  - **Sticks-** This is awarded against a player who raises their stick dangerously near another player.

44. Answer: d

## Explanation:

The correct answer is cataract.

### ★ Key Points

- In 2020, scientists at the Institute of Nano Science and Technology (INST) developed a simple and economical treatment for **cataract** using the drug Aspirin.
- The delivery of the **aspirin nanorods** as eye drops is going to serve as an effective and viable option to treat **cataract non-invasively**.
- **Cataract** a major form of blindness that occurs when the structure of crystallin proteins that make up the lens in our eyes deteriorates, causing damaged or disorganised proteins to aggregate and form a milky blue or brown layer, which ultimately affects lens transparency.
- Thus, prevention of the formation of these aggregates as well as their destruction in the early stage of disease progression is a major treatment strategy for cataracts, and materials that can carry out this task could make **cataract prevention affordable and accessible**.
- Many natural compounds have already been reported as potential aggregation inhibitors for crystallin aggregation, but the utility of nonsteroidal anti-inflammatory drugs (NSAIDs) like **aspirin in this direction will open a new paradigm**

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## 45. Answer: c

## Explanation:

The correct answer is Outsiders.

### ★ Key Points

- The tribals of Chota Nagpur were referred to as the ' **Dikus** ' means **Outsiders** .
- They see the Dikus in the form of Moneylenders, Zamindars, revenue officials, etc.

- When the use of Money circulated the role of a new group like money lenders came in.
- Tribes viewed these outsiders as oppressors and were against them.
- Tribes attacked police stations and churches and raided the property of moneylenders and Zamindars.
- These revolts over the period forced the colonial government to introduce laws so that the land of the tribals could not be easily taken over by Dikus.

★ Additional Information

- There are many tribal groups are there in Chota Nagpur.
- Half the tribals belong to six large tribes are **Gond, Bhil, Santal, Oraon, Mina, and Munda**.
- About a tenth of India's tribals, **3.4 million, reside in Chota Nagpur, and another 1,154,000 in nearby Santal Parganas.**

---

46. Answer: a

**Explanation:**

The correct answer is 9 December.

★ Key Points

- The International Day of Commemoration and Dignity of the Victims of the Crime of Genocide and of the Prevention of this crime is observed annually on **9 December**.

★ Confusion Points

- International Day of Solidarity with the Palestinian People is annually observed on November 29.

Important Days:

★ Additional Information

Date	Days
15th January	National Army Day.
28th February	National Science Day.
8th March	International Women's Day.
22nd April	Earth Day.
1st May	Labour Day.
24th April	Panchayati Raj Day.
5th June	World Environment Day.
11th July	World Population Day.
29th August	National Sports Day.
15th September	International Day of Democracy.
10th October	National Sports Day (Birth Anniversary of Major Dyanchand).

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16th November	International Day for Tolerance.
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47. Answer: d

**Explanation:**

The correct answer is bankruptcy.

★ Key Points

- When an organisation is unable to honour its financial obligations or make payment to its creditors, it files for **bankruptcy in the court**.
- Bankruptcy is a situation whereby a court of competent jurisdiction has declared a person or other entity insolvent, having passed appropriate orders to resolve it and protect the rights of the creditors. It is a legal declaration of one's inability to pay off debts.
- Insolvency is a situation where individuals or companies are unable to repay their outstanding debt.

★ Additional Information

- The Insolvency and Bankruptcy Code (Amendment) Ordinance, 2020 amends the Insolvency and Bankruptcy Code, 2016 .
- Indian Parliament has passed amendments to the insolvency law.
- It will help to safeguard successful bidders of insolvent companies from the risk of criminal proceedings for offences committed by previous promoters.
- The bill intends to remove bottlenecks and streamline the corporate insolvency resolution process.
- It seeks to protect new owners of a loan defaulter company against prosecution for mismanagement of previous owners.

---

48. Answer: c

**Explanation:**



The correct answer is Lithium has a high density.

★ Key Points

- Iodine:
  - It is non-metal but **it is lustrous having a shining surface.**
  - Iodine is a mineral that is needed in the diet to make thyroid hormone.
- **Carbon:**
  - Carbon is non-metal that exists in 2 forms and shows allotropism.
  - Allotropism is the property of some chemical elements in which the element exists in two different forms in the same physical states and those forms are the allotropes of elements.
  - Diamond and graphite are 2 allotropes of carbon.
- Lithium:
  - It is metal that is so **soft that can be cut with a knife.**
  - It has a **low density** and low melting points.
  - It is used in rechargeable batteries for mobile phones, laptops, etc
- **Sodium**
  - It is a very high reactive metal. when is it kept in open **sodium reacts with oxygen** in the air at room temperature, to form, sodium oxide.
  - Therefore it **catches fire and starts burning when kept in open in the air.**
  - Hence sodium is **kept under kerosene** to prevent its reaction with oxygen, moisture and carbon dioxide.

49. **Answer: a**

**Explanation:**

The correct answer is Arunachal Pradesh.

★ Key Points

- Gorichen Peak is located in Arunachal Pradesh.
- Gorichen is the highest scalable peak in Arunachal Pradesh, towering at a height of over 21,300 ft above sea level.
- The mountain is situated in the Tawang District.

- Gorichen is a glacier-fed mountain group in the Eastern Himalayas.

★ Additional Information

State	Highest Peak
Uttarakhand	Nanda Devi
Sikkim	Kangchenjunga
Arunachal Pradesh	Gorichen Peak
Kerala	Anamudi Peak
West Bengal	Sandakphu Peak
Jammu & Kashmir	Nun Kun massif

50. Answer: a

**Explanation:**

The correct answer is Niccola de Conti.

★ Key Points

- Niccolo Conti visited Vijayanagara in 1420 AD during the reign of Devaraya I.
- Niccolo Conti was an Italian merchant, explorer, and writer . Born in Chioggia , he traveled to India and Southeast Asia , and possibly to Southern China , during the early 15th century.
- The first printed edition of de' Conti's account was made in 1492 in the original Latin by Cristoforo da Bollate and dedicated to Pietro Cara , who was going on a journey to India.

★ Additional Information

- Vijayanagara Empire:

- The Vijayanagara Empire was founded by Harihara and Bukka and the reign was from 1336 A.D to 1646 A.D.
- The Vijayanagar empire's capital city was Hampi.
- Vijayanagar Empire was ruled by four important dynasties and they are:
  - Sangama.
  - Saluva.
  - Tuluva.
  - Aravidu.

51. Answer: d

**Explanation:**

Given:

4 men and 5 women can finish the work in 30 days

6 men and 7 women can finish the same work in 24 days

Concept used:

Total number of days × total number of workers = Total work done

Calculation:

As per the question,

$$(4M + 5W) \times 30 = (6M + 7W) \times 24$$

$$\Rightarrow (4M + 5W) \times 5 = (6M + 7W) \times 4$$

$$\Rightarrow 20M + 25W = 24M + 28W$$

$$\Rightarrow 28W - 25W = 24M - 20M$$

$$\Rightarrow 4M + 3W = 0 \dots\dots(1)$$

[according the question 4 men and 5 women can finish the work in 30 days ]

so  $4M + 5W = 30$  Day ....(2)

Compering the equation (1) & (2)

Both side add 2W in equation (1)

So, now  $(4M + 5W) = 2W \dots (3)$

Compering the equ ation (2) & (3)

$$\Rightarrow 2W = 30$$

Total work done by 2 women = 30 days

Total work done by 1 woman =  $30 \times 2$  [Total work =efficiency x time]

$$\Rightarrow 60 \text{ days}$$

So,  $2 / 3$  of work done by 1 woman =  $60 \times 2 / 3$

$$\Rightarrow 40 \text{ days}$$

$\therefore 40 \text{ days}$  will it take for one woman alone to finish two-thirds of the same work

---

52. Answer: c

**Explanation:**

Given:

The average of four numbers is 10.

The first number is two-third of the second number,

The second number is three fourth of the third number

And the third number is four times the fourth number.

**Calculation:**

Let the 2nd number be x

So the 1st number =  $2x / 3$

So the 3rd number is  $4x / 3$

the fourth number is  $x / 3$

Sum of the four number is  $10 \times 4 = 40$

As per the question,

$$x + 2x / 3 + 4x / 3 + x / 3 = 40$$

$$\Rightarrow 3x + 2x + 4x + x = 120$$

$$\Rightarrow 10x = 120$$

$$\Rightarrow x = 12$$

The third term is  $4x / 3 = 4 \times 12 / 3$

$$\Rightarrow 48 / 3 = 16$$

The third term is 16

---

53. Answer: c

**Explanation:**

Given:

Principal = Rs 18000

Rate of interest =  $(40 / 3)\%$

Time =  $2 \frac{1}{4}$  years

**Concept used:**

The interest is compounded 9- monthly

So the rate of interest should be calculated 9 monthly

Time is  $2 \frac{1}{4}$  years = 27 months .

The interest is compounded 9- monthly

So the time will be calculated as  $n = 3$

**Formula used:**

Amount =  $P(1+R/100)^n$  [P= Principal , R= rate of interest , n = number of years]

**Calculation:**

So the rate of interest should be calculated 9 monthly

The rate of interest will be  $(40 / 3) \times 9/12 = 10\%$

As per the question:

$$\text{Amount} = 18000 (1 + 10 / 100)^3$$

$$\Rightarrow 18000 \times 11/10 \times 11/10 \times 11 /10$$

$$\Rightarrow \text{Rs } 23,958$$

**The amount will be Rs 23,958**

Your Personal Exams Guide

**54. Answer: a**

**Explanation:**

**Given:**

Income ratio A : B is  $x : y$

Income of A increased by 20%

Income of B decreased by 25%

**Calculation:**

According to the question,

x is increased by 20%

$$\Rightarrow (120/100)x = 6x/5$$

y is decreased by 25%

$$\Rightarrow (75/100)y = 3y/4$$

Now according to the question,

$$\Rightarrow \frac{(6x/5)}{(3y/4)} = 64/45$$

$$\Rightarrow 8x/5y = 64/45$$

$$\Rightarrow x/y = 8/9$$

∴ The value of x : y is 8 : 9.

---

55. Answer: b

**Explanation:**

Given: **Your Personal Exams Guide**

By selling four articles for Rs 1,680, a person gains the cost price of four articles

**Formula used:**

Selling price = cost price + Profit

$$\text{Profit percentage} = \frac{\text{Net profit}}{C_p} \times 100$$

**Concept used:**

Profit is always calculated on the cost price

**Calculation:**

Let the cost price of one article is  $x$

so the cost price of 4 articles is  $4x$

As per the question, profit earned =  $4x$

So, profit percentage =  $(4x / 4x) \times 100$

$\Rightarrow 100\%$

**So, the profit percentage is 100%**

---

## 56. Answer: d

### Explanation:

×Given:

Nine solid metallic spheres of radius 2.5 cm each are melted and recast into a solid cylinder of height 7.5 cm

Formula used:

The volume of the sphere =  $\frac{4}{3} \pi r^3$

The volume of the cylinder =  $\pi r^2 h$  ( $r$  = radius,  $h$  = height)

The curved surface area of the cylinder =  $2\pi rh$ .

Concept used:

If one shape is melted and recast to another shape total volume will be the same.

Calculation:

Let the radius of the cylinder is  $r$  cm

As per the question:

$$9 \times \frac{4}{3} \times \pi \times 2.5^3 = \pi \times r^2 \times 7.5$$



$$\Rightarrow r^2 = 4 \times 2.5^2$$

$$\Rightarrow r = \sqrt{4 \times 2.5^2}$$

$$\Rightarrow r = 2 \times 2.5$$

$$\Rightarrow r = 5$$

So, the curved surface area will be  $2 \times \pi \times 5 \times 7.5$

$$\Rightarrow 75\pi \text{ cm}^2$$

The curved surface area of the cylinder is  $75\pi \text{ cm}^2$

**57. Answer: a**

**Explanation:**

**Given:**

Gita bought 80 oranges at the rate of ₹ 9.50 per orange.

She sold 25% of these at Rs 12 each and one-third of the remaining at Rs 10 each.

She has to make an overall profit of 25%

**Concept used:**

Profit is calculated on the cost price

**Formula used:**

Selling price = cost price + profit

Profit percentage =  $(\text{Net profit} / \text{cost price}) \times 100$

**Calculation:**

The total cost price of 80 oranges is  $80 \times 9.5 = \text{Rs } 760$

$$25 \% \text{ of } 80 = 80 \times 25 / 100$$

$$\Rightarrow 20$$

The selling price of 20 oranges is  $(20 \times 12) = \text{Rs } 240$

Remaining oranges is  $80 - 20 = 60$

$$1/3 \text{ of the } 60 = 60 \times 1 / 3$$

$$\Rightarrow 20$$

So he sold the next 20 oranges at  $20 \times 10 = \text{Rs } 200$

To make a 25% Profit overall selling price is  $760 \times 125 / 100 = \text{Rs } 950$

He has to make a profit of  $950 - (240 + 200) = \text{Rs } 510$  by selling the remaining  $(80 - 40)$

$$\Rightarrow 40 \text{ oranges}$$

So the selling price will be  $510 / 40 = \text{Rs } 12.75$

**He has to sell for Rs 12.75 to make an overall profit of 25%**

58. **Answer: a**

## Your Personal Exams Guide

### Explanation:

**Given:**

The sum of the ages of A, B, and C is 66 years.

The ratio of the age of A to the combined ages of B and C is 5 : 6.

The ratio of the age of B to the combined ages of A and C is 4 : 7

**Calculation:**

Let the age of A is  $5x$ , so the age of  $B + C = 6x$

As per the question,

$$A + B + C = 66$$

$$\Rightarrow 5x + 6x = 66$$

$$\Rightarrow 11x = 66$$

$$\Rightarrow x = 6$$

So the age of A =  $6 \times 5$

$$\Rightarrow 30 \text{ years}$$

$$\text{Age of } B + C = (A + B + C) - (A)$$

$$\Rightarrow 66 - 30$$

$$\Rightarrow 36 \text{ years}$$

In 2nd case,

Let the age of B is  $4x$ , so the age of A + C =  $7x$

As per the question,

$$A + B + C = 66$$

$$\Rightarrow 4x + 7x = 66$$

$$\Rightarrow 11x = 66$$

$$\Rightarrow x = 6$$

So the age of B =  $4 \times 6$

$$\Rightarrow 24 \text{ years}$$

As per the question,

$B + C = 36$  years and age of B = 24 years

So age of C =  $36 - 24$

⇒ 12 years

∴ The age of C is 12 years

---

**59. Answer: d**

**Explanation:**

Given:

Two successive discounts of 40% and 30%

Formula Used:

Single discount equivalent to two successive discounts of a % and b %

$$= \left( a + b - \frac{a \times b}{100} \right) \%$$

Calculation:

Here, a = 40 % , and b = 30 %

So the single discount Nirmala gets,  $\left( 40 + 30 - \frac{40 \times 30}{100} \right) \%$

⇒ (70 - 12) %

⇒ 58 %

The single discount is 58%

---

**60. Answer: a**

**Explanation:**

Given:

The ratio is 11 : 8 : 5

The third part is Rs 530

**Concept used:**

Money is distributed as per the ratio

**Calculation:**

Let the third part be  $5x$ , so 1st part  $11x$  and 2nd part  $8x$

The sum of the two other part is  $11x + 8x = 19x$

As per the question,

$$5x = 530$$

$$\Rightarrow x = 530 / 5$$

$$\Rightarrow x = 106$$

Again,

$$x = 106$$

$$\text{so, } 19x = 19 \times 106$$

$$\Rightarrow 2,014$$

The sum of the two other parts is 2,014

**61. Answer: c**

**Explanation:**

Calculation:

$$\frac{2\frac{3}{4}}{1\frac{1}{6}} \div \frac{7}{8} \times \left(\frac{1}{3} + \frac{1}{4}\right) + \frac{5}{7} \div \frac{3}{4} \text{ of } \frac{3}{7} - \frac{5}{4} \text{ of } \frac{3}{5}.$$

$$\Rightarrow \frac{(11/4)}{(11/6)} \div \frac{7}{8} \times \left(\frac{1}{3} + \frac{1}{4}\right) + \frac{5}{7} \div \frac{3}{4} \text{ of } \frac{3}{7} - \frac{5}{4} \text{ of } \frac{3}{5}$$

$$\begin{aligned} &\Rightarrow \frac{6}{4} \div \frac{7}{8} \times \left( \frac{7}{12} \right) + \frac{5}{7} \div \frac{3}{4} \text{ of } \frac{3}{7} - \frac{5}{4} \text{ of } \frac{3}{5} \\ &\Rightarrow \frac{6}{4} \times \frac{8}{7} \times \frac{7}{12} + \frac{5}{7} \times \frac{4}{3} \times \frac{7}{3} - \frac{5}{4} \times \frac{3}{5} \\ &\Rightarrow 1 + \frac{20}{9} - \frac{3}{4} \\ &\Rightarrow \frac{36 + 80 - 27}{36} \\ &\Rightarrow \frac{116 - 27}{36} \\ &\Rightarrow 89 / 36 \\ &\Rightarrow 2 \frac{17}{36} \\ &\therefore \text{Ans is } 2 \frac{17}{36} \end{aligned}$$

62. Answer: c

Explanation:

Given:

A and B can complete a piece of work in 12 days and 20 days, respectively.

They work together for 6 days

The remaining work is completed by C in 12 days

Concept used:

Efficiency = (Total work / Total time taken)

Efficiency = work done in a single day

Calculation:

Let total work is 60 units ( LCM of 12 and 20)

The efficiency of A = 60 /12

⇒ 5 units

The efficiency of B =  $60 / 20$

⇒ 3 units

So A + B together do in one day  $5 + 3 = 8$  units

So they do in 6 days  $8 \times 6 = 48$  units

remaining  $60 - 48 = 12$  units done by C in 12 days

So the efficiency of C = 1 unit

The combined efficiency of B + C =  $3 + 1$

⇒ 4 units

$\frac{2}{3}$  of the same work =  $(\frac{2}{3}) \times 60$

⇒ 40 units

So B + C takes  $40 / 4 = 10$  days.

In 10 days will B and C together complete  $\frac{2}{3}$  of the same work.

★ Additional Information

( Efficiency of a Person is inversely proportional to the number of days to complete the work )

---

63. Answer: b

**Explanation:**

Given:

In a college, 80% of students are less than 20 years of age

The number of students more than 20 years of age is  $\frac{2}{3}$  of the number of students 20 years of age which is 48.

**Calculation:**

Let, the total number of students by 100 units

So, Less than 20 age = 80

So, The number of students more than 20 years of age and the number of students 20 years of age will be  $100 - 80 = 20$  units

The number of students more than 20 years will be =  $\frac{2}{3} \times 48$

$\Rightarrow 32$

So,

The number of students more than 20 years of age and the number of students 20 years of age will be  $48 + 32 = 80$

As per the question,

Value of 20 units = 80

So the value of  $20 \times 5$  units =  $80 \times 5$

$\Rightarrow 400$

**The total number of students in the college is 400**

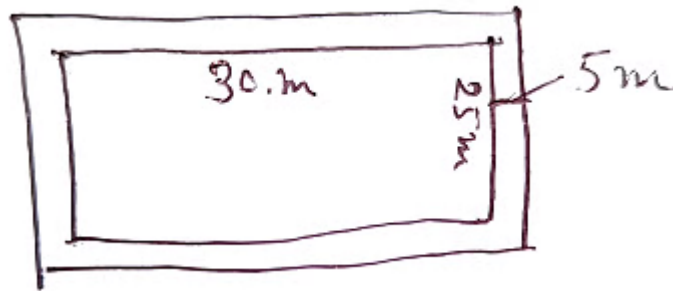
---

**64. Answer: d**

**Explanation:**

Given:





A path of uniform width of 5 m runs around the outside of a rectangular field.

The rectangular field is 30 m long and 25 m in breadth.

**Concept used:**

Area of the road = (Area of the field + area of the road) - Area of the field

**Calculation:**

As per the question, after the addition of the road

The length of the path + field is  $30 + 5 + 5 = 40$  m

After the addition of the road

The breadth of the path + field is  $25 + 5 + 5 = 35$  m

Area of the field + area of the path =  $40 \times 35$

$\Rightarrow 1400 \text{ m}^2$

Area of the field =  $30 \times 25$

$\Rightarrow 750 \text{ m}^2$

Area of the path =  $1400 - 750$

$\Rightarrow 650 \text{ m}^2$

The area (in  $\text{m}^2$ ) of the path is  $650 \text{ m}^2$

The path is covered from both sides so the length and breadth will be increased from both sides.

★ Additional Information

---

65. Answer: d

**Explanation:**

Given:

15% of a number exceeds 9% of the same number by 33

Calculation:

Let the number be  $x$

As per the question,

$$15x / 100 - 9x / 100 = 33$$

$$\Rightarrow 6x / 100 = 33$$

$$\Rightarrow x / 100 = 33 / 6$$

$$\Rightarrow x / 100 = 5.5$$

$$\Rightarrow x = 5.5 \times 100$$

$$\Rightarrow x = 550$$

**That number is 550**

Let the number be 100 units

★ Shortcut Trick

So 15 units - 9 units = 33

$$\Rightarrow 1 \text{ unit} = 5.5$$

⇒ 100 units = 550

66. Answer: a

Explanation:

Given:

A shopkeeper marked an item at Rs 4,000.

He earns a profit of 20% after selling it with a 10% discount on the marked price.

He sells it at a price of Rs 100 less than the marked price.

Formula used:

$$\text{Selling Price (Sp)} = \text{Cp} + \left( \frac{\text{Profit}}{100} \right) \times \text{Cp}$$

$$\text{Market Price (Mp)} - \text{Discount} = \text{Sp}$$

$$\text{Cp} = \left( \frac{100}{100 + \text{profit Percent}} \right) \times \text{Sp}$$

Calculation:

$$\text{The Sp of the article} = 4000 \times 90 / 100$$

$$\Rightarrow \text{Rs } 3600$$

He earns a profit of 20 %

$$\text{So the Cp of the article} = 3600 \times 100 / 120$$

$$\Rightarrow \text{Rs } 3000$$

If he sells it at a price of ₹ 100 less than the marked price, then sp will be  $(4000 - 100) = 3900$

$$\text{Profit will be } 3900 - 3000 = 900$$

$$\text{So the profit percentage will be } (900 / 3000) \times 100 = 30\%$$

∴ His profit percentage will be 30

★ Additional Information

Profit is calculated on Cost Price.

And Discount is calculated on Market Price.

---

**67. Answer: d**

**Explanation:**

Given:

Find the largest number which can exactly divide 228, 282 and 288

Concept used;

To find the largest number which can exactly divide 228, 282 and 288,

We have to find the HCF of 228, 282 and 288

Calculation:

$$228 = 2 \times 3 \times 38$$

$$282 = 2 \times 3 \times 47$$

$$288 = 2 \times 3 \times 48$$

$$\text{HCF of } 228, 282 \text{ and } 288 = 2 \times 3$$

$$\Rightarrow 6$$

The largest number which can exactly divide 228, 282 and 288 is 6

---

**68. Answer: c**

## Explanation:

### Given:

A lent Rs 10,000 to B for 3 years on compound interest at 10% per annum compounded annually.

C lent the same amount for the same period to D at 11% simple interest.

### Formula used:

Simple Interest (SI) =  $[\text{Principal (P)} \times \text{Rate of interest (R)} \times \text{Time(T)}] / 100$

Compound interest =  $P(1+R/100)^n - P$  [P= Principal , R= rate of interest]

Amount = Principal + Interest

### Calculation:

After 3 years in compound interest, A earned

$$10000 (1 + 10/100)^3 - 10000$$

$$\Rightarrow 13310 - 10000$$

$$\Rightarrow \text{Rs } 3310$$

After 3 years in simple interest C earned,

$$(10000 \times 11 \times 3) / 100$$

$$\Rightarrow \text{Rs } 3300$$

So A earned Rs (3310 - 3300) = Rs 10 more.

**A gained Rs 10 more.**

---

69. Answer: d

**Explanation:**

**Given:**

$$3 \times 2 \div 3 \text{ of } 2 \times 3 \div (5 + 5 \times 5 \div 5 \text{ of } 5 - 5 \div 10 \text{ of } \frac{1}{5}) + 2 \div 7 \text{ of } 2$$

**Concept used:**

BODMAS rule

**Calculation:**

$$3 \times 2 \div 3 \text{ of } 2 \times 3 \div (5 + 5 \times 5 \div 5 \text{ of } 5 - 5 \div 10 \text{ of } \frac{1}{5}) + 2 \div 7 \text{ of } 2$$

$$\Rightarrow 3 \times 2 \div 3 \text{ of } 2 \times 3 \div (5 + 5 \times 5 \div 5 \text{ of } 5 - 5 \div 10 \times 1/5) + 2 \div 7 \text{ of } 2$$

$$\Rightarrow 3 \times 2 \div 3 \text{ of } 2 \times 3 \div (5 + 5 \times 5 \div 5 \text{ of } 5 - 5 \div 2) + 2 \div 7 \text{ of } 2$$

$$\Rightarrow 3 \times 2 \div 3 \text{ of } 2 \times 3 \div (5 + \frac{5 \times 5}{5 \times 5} - 5/2) + 2 \div 7 \text{ of } 2$$

$$\Rightarrow 3 \times 2 \div 3 \text{ of } 2 \times 3 \div (5 + 1 - 5/2) + 2 \div 7 \text{ of } 2$$

$$\Rightarrow 3 \times 2 \div 3 \text{ of } 2 \times 3 \div (6 - 5/2) + 2 \div 7 \text{ of } 2$$

$$\Rightarrow 3 \times 2 \div 3 \text{ of } 2 \times 3 \div (7/2) + 2 \div 7 \text{ of } 2$$

$$\Rightarrow 6 \div 3 \text{ of } 2 \times 3 \div 7/2 + \frac{2}{7 \times 2}$$

$$\Rightarrow \frac{6}{3 \times 2} \times 3 \div 7/2 + 1/7$$

$$\Rightarrow 3 \div 7/2 + 1/7$$

$$\Rightarrow 3 \times 2/7 + 1/7$$

$$\Rightarrow 6/7 + 1/7$$

$$\Rightarrow 1$$

**The value is 1**

**70. Answer: c**

**Explanation:**

**Given:**

A certain sum amounts to ₹ 14,160 in 3 years at 6% per annum, at simple interest.

**Formula used:**

$$\text{Simple Interest (SI)} = [\text{Principal (P)} \times \text{Rate of interest (R)} \times \text{Time(T)}] / 100$$

**Concept used:**

$$\text{Amount} = \text{Principal} + \text{Interest}$$

**Calculation:**

Let the principal be P

As per the question,

$$14,160 - P = (P \times 6 \times 3 / 100)$$

$$\Rightarrow P + (18P / 100) = 14,160$$

$$\Rightarrow 118P / 100 = 14,160$$

$$\Rightarrow P = 14,160 \times 100 / 118$$

$$\Rightarrow P = \text{Rs } 12000$$

In 2nd case, the simple interest will be

$$\frac{12000 \times 6 \times 3}{3 \times 100}$$

$$\Rightarrow 240 \times 3$$

$$\Rightarrow \text{Rs } 3360$$

The simple interest will be Rs 3,360

71. Answer: c

**Explanation:**

**Given:**

A car covers a distance of 150 km at a uniform speed.

The time taken for the journey is two-third of the speed in km/h, in terms of numerical values

**Concept used:**

Distance = speed  $\times$  time

**Calculation:**

Let the speed of the car is x km/h

So time taken by the car is  $2x / 3$  hr

As per the question,

$$x \times \frac{2x}{3} = 150$$

$$\Rightarrow 2x^2 = 150 \times 3$$

$$\Rightarrow x^2 = 150 \times \frac{3}{2}$$

$$\Rightarrow x^2 = 225$$

$$\Rightarrow x = \sqrt{225}$$

$$\Rightarrow x = 15$$

Time taken,

$$\frac{2x}{3} = \frac{2 \times 15}{3}$$

$$\Rightarrow 10 \text{ hr}$$



The time taken to cover the distance of 150 km is 10 hrs

---

**72. Answer: c**

**Explanation:**

**Given:**

The speed of a train was increasing by 3 km/h after every one hour for up to 10 hours.

After 10 hrs it was increasing by 5 km/h.

The distance traveled in the first one hour was 40 km.

**Concept used:**

Distance = speed  $\times$  time

**Calculation:**

For first 1 hour speed is 40 km/h.

The speed of a train was increasing by 3 km/h after every one hour .

So for the next nine hours speed will be 43,46,49,52,55,58,61,64,and 67

Total distance covered in 1st 10 hours =  $43 + 46 + 49 + 52 + 55 + 58 + 61 + 64 + 67 = 535$  km

So for the next 10 hours speed will be 72 ,77,82,87, 92,97,102,107,112,117

The total distance covered in next 10 hrs will be  $72 + 77 + 82 + 87 + 92 + 97 + 102 + 107 + 112 + 117 = 945$  km

So total distance covered in 20 hrs will be  $945 + 535 = 1480$  km

**The total distance covered by the train in 20 hours is 1480 km**

**Given:**

★ Alternate Method

The speed of a train was increasing by 3 km/h after every hour for up to 10 hours.

After 10 hrs it was increasing by 5 km/h.

The distance traveled in the first hour was 40 km.

**Concept used:**

In an A.P series if the first term = a and the last term = l

The total number of terms = n,

Then, the sum of the series will be  $n / 2 (a + l)$

**Calculation:**

The distance traveled in the first one hour was 40 km.

We can find that the series is in A.P

First term (a) = 40 and 10th term = 67

Number of terms = 10

So, sum of the series =  $10 / 2 (40 + 67)$

⇒  $5 \times 107$

⇒ 535

Again for 2nd case, it is also an A.P series

First term (a) = 72 and 10th term = 117

Number of terms = 10

So, sum of the series =  $10 / 2 (72 + 117)$

⇒  $5 \times 189$

⇒ 945

So total distance covered in 20 hrs will be  $945 + 535 = 1480$  km

The total distance covered by the train in 20 hours is 1480 km

---

**73. Answer: a**

**Explanation:**

**Given:**

A person wanted to sell his watch initially at a 10% discount to his sister who wants to buy that watch.

Later, the person sells it at a 12% discount

Having, Rs 80 less in his profit.

**Concept used:**

Discount is calculated on market price.

**Calculation:**

Let the market price be 100

So the initial discount is Rs 10

Ultimate discount is  $100 \times 12 / 100 =$  Rs 12

So difference is Rs  $(12 - 10) = 2$

As per the question,

Value of 2 units = 80

So the value of 100 units =  $(80 / 2) \times 100$

$\Rightarrow$  Rs 4000

The market price of the watch is Rs 4000

★ Shortcut Trick

The difference between  $12\% - 10\% = 2\%$

As per the question  $2\% = 80$

So  $100\% = 4000$

The market price of the watch is Rs 4000

---

**74. Answer: c**

**Explanation:**

**Given:**

k is the smallest number of 5-digits when divided by 18, 24, 30, 40, and 42, leaves a remainder of 7 in each case.

**Concept used:**

The smallest number of 5-digits is 10000.

**Calculation:**

we have to divide the number by 18, 24, 30, 40, and 42

So the number should be divided by the LCM of 18, 24, 30, 40, and 42

LCM of 18, 24, 30, 40, and 42 = 5040

Now if we divide 10000 by 5040 the remainder will be 4960

So the smallest number of 5 digits which is divided by 18, 24, 30, 40, and 42 will be

$10000 + (5040 - 4960) = 10080$

So the smallest number of 5 digits which when divided by 18, 24, 30, 40, and 42 leaves 7 as a remainder will be

$$10080 + 7 = 10087$$

The sum of the digits of 10087 will be  $1 + 0 + 0 + 8 + 7 = 16$

The sum of the digits of k is 16

★ Additional Information

If we subtract  $5040 - 4960 = 80$  from 10000, the number will be 9920 which is 4 digits. Here the number has to be 5 digits.

---

75. Answer: d

**Explanation:**

Given:

The average of six consecutive even numbers, taken in increasing order, is 107

Concept used:

In a series of even numbers, the mean or average is the average of the middle two terms.

Calculation:

the series of 6 even numbers is  $= 2n, 2n + 2, 2n + 4, 2n + 6, 2n + 8$  and  $2n + 10$

Again, as per the question

$$\frac{(2n + 4) + (2n + 6)}{2} = 107$$

$$\Rightarrow 2n + 4 + 2n + 6 = 107 \times 2$$

$$\Rightarrow 4n + 10 = 214$$

$$\Rightarrow 4n = 214 - 10$$

$$\Rightarrow 4n = 204$$

$$\Rightarrow n = 204 / 4$$

$$\Rightarrow n = 51$$

$$\text{Average of last three number} = (6n + 24) / 3$$

$$\Rightarrow 2n + 8$$

$$\text{Average of last three number} = 2 \times 51 + 8$$

$$\Rightarrow 110$$

**Average of the last three numbers = 110**

★ Shortcut Trick

Here average is given as 107.

So, The middle two terms are  $107 - 1 = 106$  and

$$107 + 1 = 108$$

Then the series of 6 even numbers is = 102, 104, 106, 108, 110, 112

The last three numbers are 108, 110, 112

$$\text{Average of the last three numbers} = 110$$

$$\text{Average of the last three numbers} = 110$$

$2n$  is always an even number for all values of  $n$ .

★ Additional Information

76. **Answer: a**

**Explanation:**

The erroneous part is 'tougher'.

★ Key Points

- The given sentence is **grammatically incorrect**.
- The error lies in '**tougher**' part of the sentence.
- Here, extremely is the adverb form of the adjective extreme which means of the highest degree or intensity.
- So, instead of 'tougher' we will use 'tough' after extremely.
- Thus, the correct answer is **option 1**.

**Correct Sentence** : *The Hindi question paper was **extremely tough** for 7th grade students.*

---

77. **Answer: a**

**Explanation:**

The correct answer is '**to fail to maintain the pace or progress**'.

★ Key Points

- The given idiom 'To lag behind' means to achieve less than someone or something else, to fail to maintain the pace or progress of someone or something.
    - *Example: Shyam was **lagging behind** in the 100-meter race.*
  - Thus, from the given meaning of the idiom and the example sentence, we are clear that the given idiom means **to fail to maintain the pace or progress**.
  - Therefore, the correct answer is **option 1**.
- 

78. **Answer: a**

**Explanation:**

The erroneous spelling is 'Successfull'.

★ Key Points

- The correct spelling of the given word is '**Successful**'.
- **Successful** means achieving or having achieved success.
- In this we have to choose that option having the **erroneous spelling**.
- As all other options have correct spelling except for **option 1**.
- Therefore, the correct answer is **option 1**.

---

79. Answer: b

**Explanation:**

The correct answer is '**Coast**'.

★ Key Points

- The one word substitute for 'land beside a sea' is :
  - **Island:** a piece of land completely surrounded by water.
  - **Coast:** the part of the land adjoining or near the sea.
  - **Archipelago:** a group of islands and the sea around them.
  - **Peninsula:** a long piece of land that sticks out from a larger area of land into the sea.
- Therefore, as per the meaning of all the options, it is clear that the **one-word substitute** for the given group of words is '**coast**'.
- The correct answer is **option 2**.

---

80. Answer: c

**Explanation:**

The correct answer is '**homogenous**'.

★ Key Points



- Let us **explore the given options** for choosing the **exact one word** for the **given group of words**:
- **Balanced**: it has equal proportions or a stable sense of balance.
- **Pleasant** : having qualities that tend to give pleasure.
- **Homogeneous**: Something that is homogeneous is uniform in nature or of the same or a similar kind or nature .
- **Harmonious**: friendly, peaceful, and without disagreement.
- From the given options , '**homogenous**' is the most appropriate one word for the given group of words.
- Thus, the correct answer is **option 3**.

---

### 81. Answer: c

#### Explanation:

The erroneous part is '**is arrived**'.

#### ★ Key Points

- In this question, we need to choose an appropriate option to substitute the underlined segment in the given sentence.
- The erroneous part is '**is arrived**'.
- The given sentence is in Simple Future tense because of the structure : **Subject + Will + Verb** .
- Therefore we will not use '**is arrived**' in the above structure .
- We will substitute it with '**arrives**' for making the sentence error free and contextually correct.
- Therefore, the correct answer is **option 3**.

---

### 82. Answer: a

#### Explanation:

The erroneous spelling is 'Aluminium'.

★ Key Points

- In this question , we have to select an option that has **an erroneous spelling**.
  - The marked option '**Aluminium**' is having an erroneous spelling.
  - The correct spelling is Aluminum and the word '**Aluminum**' is a light silver-colored metal that is used for making cooking equipment, in the aerospace industry etc.
  - Therefore, the correct answer is **option 1**.
  - All other spellings **are correct**.
- 

83. Answer: a

Explanation:

The correct answer is 'Significant'.

★ Key Points

- The given sentence is having a blank where we need to choose an appropriate word from the given options :
  - **Significant** : important or large enough to be noticed.
  - **Inspiring**: causing you to feel confident about yourself or eager to learn or do something.
  - **Sufficient**: adequate for the purpose.
  - **Refreshing**: giving new strength and energy.
  - From the above-given meanings, it is clear to us that the most appropriate word is '**significant**'.
  - Thus, the correct answer is **option 1**.
- 

84. Answer: b

Explanation:

The correct answer is 'Unrelated'.

★ Key Points

- The given word '**contextual**' means related to the context of something.
  - **Example:** *Contextual clues can help one to find the meaning.*
- The marked word '**unrelated**' means not related to something else; not connected.
- From the **above-given** meanings of both words, we are sure that '**contextual**' and '**unrelated**' are antonyms of each other.
- Thus, the correct answer is **option 2**.

---

85. Answer: c

Explanation:

The correct answer is 'Restoration'.

★ Key Points

- The **given blank** requires an appropriate word from the **given options**.
- Let us explore the meanings of the **given options**:
  - **Renovation** means the act or process of repairing and improving something.
  - **Redecoration** means refurbishing, to change its appearance.
  - **Restoration** means the act of restoring to its original condition; renewal, and revival; the things that are done to achieve this.
  - **Reconstruction** means the act or process of rebuilding, repairing, or restoring something.
- Thus, from the given meanings, it is clear that the most appropriate word is '**restoration**' .
- Hence, the correct answer is **option 3**.

---

86. Answer: c

### Explanation:

The correct answer is 'progress'.

#### ★ Key Points

- The given word '**fare**' means to proceed or to get along.
  - **Example:** *The candidate who **fare** well in adversity deserves another term.*
- The marked option '**progress**' means to become better; to develop, to move forward.
- From the **above given** meaning of the marked option and the given word, it is clear that 'fare' and progress are synonyms of each other.
- Thus, the correct answer is **option 3**.

---

### 87. Answer: c

### Explanation:

The correct answer is '**quick**'.

#### ★ Key Points

- **Rapid** means occurring within a short time; happening speedily.
- The marked option '**quick**' means done, happening, or moving fast; lasting only a short time.
- From their meanings, we are sure that the given word '**rapid**' and the marked option '**quick**' are synonyms of each other.
- Thus, the correct answer is **option 3**.

---

### 88. Answer: a

### Explanation:

The correct answer is 'However'.

★ Key Points

- '(4) \_\_\_\_\_, times have changed now – in the age of the internet' requires an appropriate word from the given options.
- The marked option 'However' is an adverb that means despite what has been said earlier. however is an adverb that connects two sentences/clauses in order to show a contrasting idea
  - *Example: There is one possible solution to this problem. However, there are others as well.*
- Therefore, we will use 'however' in the given blank 4 as it is used to show a contrasting idea in the above blank.
- Thus, the correct answer is **option 3**.

---

89. Answer: c

Explanation:

The correct answer is No improvement is required.

★ Key Points

- The given sentence is **grammatically correct**.
- The given sentence requires no substitution and hence **no improvement is required**.
- Here, **either ...or** is the correct correlative conjunction that occurs in pair. This pair is used when there is an unavoidable choice between alternatives.
  - *Example: It's either black or grey.*
- Thus, from the given example and the usage of '**either ..or**' we are sure that the above sentence is **grammatically and contextually correct**.
- Hence, the correct answer is **option 3**.

---

90. Answer: c

Explanation:

The erroneous segment is 'by a stick'.

★ Key Points

- The given sentence is **grammatically incorrect**.
- The error lies in **part B** of the sentence.
- Here **stick** is an inanimate subject and the preposition '**with**' is used instead of '**by**' in the case of an inanimate subject.
- Here, instead of '**by a stick**' we will use 'with a stick' for making this given sentence **error-free**.
- Thus, the correct answer is **option 3**.

**Correct Sentence:** Mother beat Jenny with a stick for going out without permission.

★ Important Points

- We use Preposition '**By**' for an agent and while using some instrument/equipment, preposition '**with**' is used .
  - *Example: He was beaten **with** a stick.*

---

91. Answer: b

**Explanation:**

The erroneous segment is 'more better than mine'.

★ Key Points

- In this sentence, we need to substitute the underlined segment as it is **erroneous here**.
- **Better** is wrong here as we can't use more with better.
- **Better** is an irregular adjective and needs to be used without more or we can say or use 'much better' .
- **Better** is a comparative degree of the adjective 'good' and as per the rules of English grammar, we can't use more (comparative degree) before better.
- So, much better is the correct usage and it is used to mean 'a lot better'.
  - *Example : I feel **much** better now.*

- Therefore, the correct answer is **option 2**.

---

**92. Answer: d**

**Explanation:**

The erroneous segment is 'at his'.

★ Key Points

- The given sentence is **grammatically incorrect**.
- The error lies in '**on his**' segment of the sentence.
- We need to understand the **usage of preposition** here in this question.
- We use '**at**' as a preposition in reference to location of buildings (house, shop, property) etc to depict specific address.
- So, as per the given context here in the above sentence, we will use '**at**' his new address instead of 'on' his new address for making this sentence error-free.
- Therefore, the correct answer is **option 4**.

---

**93. Answer: c**

**Explanation:**

The correct answer is 'Spent'.

★ Key Points

- The given sentence 'A decade or two ago, kids (2) \_\_\_\_\_ their time reading stories and role-playing (3)' implies that back then a decade or two ago, kids used to consume their time reading stories and role-playing...
- In the given sentence, we require an appropriate word from the given options for the blank number 2.
- As we can see that the sentence is in the simple past tense.

- From the given options, 'spent' is the only word that denotes a simple past and also fits well in the given context.
- Thus, the correct answer is option 2 .

---

94. Answer: d

**Explanation:**

The correct answer is: **their** .

★ Key Points

- The subject of the sentence is 'kids'.
- As 'kids' is **plural** in form, the **determiner** that must agree with it must also be **plural** .
- 'her', 'his' and 'its' are **singular determiners** and hence, they are the incorrect options.
- Also, the use of 'their' before 'time' hints at the fact that 'their' should fit the blank also.

Therefore, the correct answer is: **their** .

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95. Answer: d

**Explanation:**

The correct answer is '**Means**'.

★ Key Points

- The given sentence 'There was a time when storybooks were the only (1) \_\_\_\_\_ of entertainment for children' requires an appropriate word from the given options to fill the given **blank number 1**.
- The marked option '**means**' is the method of doing something.



- **Example:** *Healing modalities are a convenient **means** to heal our body, mind, and spirit.*
- In the given sentence, it fits well as the sentence *implies* 'that there was a time when storybooks were the only instrument of entertainment for children'.
- Thus, the most appropriate word is '**means**' and it is used for both (singular or plural).
- Hence, the correct answer is **option 4**.

---

96. Answer: d

**Explanation:**

The correct answer is '**Careful**'.

★ Key Points

- The given word '**rash**' means careless, acting without due consideration or thought.
  - **Example:** *The boy acted in a **rash** manner and didn't consider the consequences of driving under the influence.*
- The marked option '**careful**' means exercising caution, showing care, or attention.
- From the given meanings of the words, it is clear that '**rash**' and '**careful**' are antonyms of each other.
- Thus, the correct answer is **option 4**.

---

97. Answer: a

**Explanation:**

The correct answer is '**Notorious**'.

★ Key Points

- The one word substitution for the given group of words is :
- Let us explore the given options and know their meanings:
  - **Notorious** means well-known for something bad.
  - **Burglar** means a person who illegally enters buildings and steals things.
  - **Thief** means a person who steals things from another person.
  - **Idiot** means a foolish or stupid person.
- Therefore, from the meanings, it is clear that the most appropriate word for the given group of words is '**Notorious**'.
- Hence, the correct answer is **option 1**.

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98. Answer: b

**Explanation:**

The correct answer is '**pursue**'.

★ Key Points

- The given sentence implies that his brother wants to **go after** a career in medicine.
- From the given options, we need to choose an appropriate word for the given bank.
- The bold phrase '**go after**' is an idiom that means to pursue someone or something.
- Thus, from the above meaning and the understanding of the context, the most appropriate word is '**pursue**'.
- The marked option '**pursue**' is a verb that means to follow something or try to achieve something over a period of time.
- Thus, the correct answer is **option 2**.

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99. Answer: d

**Explanation:**

The correct answer is 'accept eagerly'.

★ Key Points

- The given idiom 'lap up' means to respond enthusiastically or accept eagerly.
  - *Example: The audience was lapping up their insane jokes.*
- Thus, from the given example and the meaning above, the correct answer is **option 4**.

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100. Answer: c

**Explanation:**

The correct answer is 'most'.

★ Key Points

- The given sentence 'kids spend (5) \_\_\_\_\_ of their time playing games on smartphones or watching cartoons or videos on YouTube.' means these days kids spend majority of their time playing games on smartphones or watching cartoons or videos on Youtube.
- Thus, we require an appropriate word which is a synonym of the word 'majority' and fits well in the given **blank number 5**.
- The marked option 'most' means in the greatest quantity or degree. Most is the synonym of the word 'majority'.
- Hence, the correct answer is **option 3**.