

# Prepp

## Your Personal Exams Guide



NDA



CDS



SSC CGL



CBSE UGC NET



IAS



SSC CHSL



CTET



MPSC



AFCAT



CSIR UDC NET



IBPS PO



UP POLICE



SSC MTS



SBI PO



BPS



UPTET



IBPS RRB



IBPS CLERK



IES



UPSC CAPF



SSC Stenogr..



RRB NTPC



SSC GD



RBI GRADE B



RBI Assistant



DSSSB

# SSC GD Constable 2021 (English) Prev. Year Paper (08-Dec-2021) (Shift 2)

Total Time: 1 Hour : 30 Minute

Total Marks: 100

## Instructions

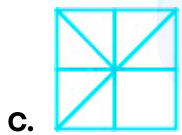
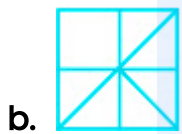
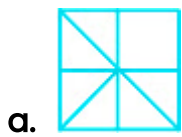
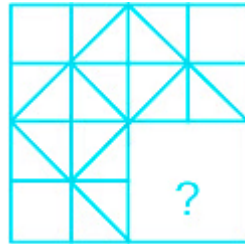
Sl No.	Section Name	No. of Question	Maximum Marks	Negative Marks	Positive Marks
1	General Intelligence and Reasoning	25	25	0.25	1
2	General Knowledge and General Awareness	25	25	0.25	1
3	Elementary Mathematics	25	25	0.25	1
4	English	25	25	0.25	1

- 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 figure from among the given options that can replace the question mark) and complete the pattern (rotation is NOT allowed

(+1, -0.25)



2. Two train tickets from station A to B and three tickets from station A to C cost ₹8,750, but three tickets from station A to B and two tickets from station A to C cost ₹9,825.

(+1, -0.25)

What are the fares for stations B and C from station A?

- a. ₹2,255 and ₹1,635  
b. ₹2,395 and ₹1,320

c. ₹1,965 and ₹1,890

d. ₹2,320 and ₹1,395

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

7, 14, 25, 45, 81, ?, 239

a. 111

b. 205

c. 142

d. 95

- 
4. P, Q, R, S, T and U are six friends. They are sitting in a row facing south. P is sitting to the immediate left of R and second to the right of S. T is sitting to the immediate right of R. U is sitting second to the left of R. Q is sitting to the immediate left of S. Who is sitting at the extreme right end of the row? (+1, -0.25)

a. T

b. U

c. R

d. Q

- 
5. If the signs '×' and '÷' are interchanged and the numbers '6' and '5' are interchanged, then what will be the value of the following expression? (+1, -0.25)

$48 \times 5 + 9 \div 6 - (32 - 7) + 9$

- a. 86
- b. 44
- c. 37
- d. 57

---

6. 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)

144 : 14 :: 81 : ?

- a. 11
- b. 9
- c. 65
- d. 15

---

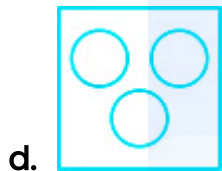
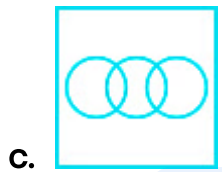
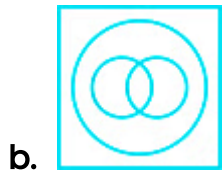
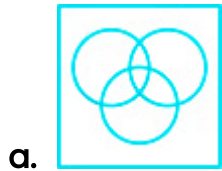
7. In a certain code language, DERMATOLOGY is coded as 10, and MAXIMUM is coded as 6. How will NOCTURNAL be coded in that language? (+1, -0.25)

- a. 8
- b. 7
- c. 10
- d. 9

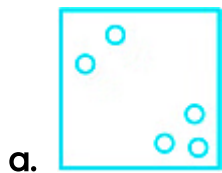
---

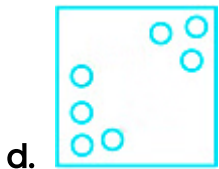
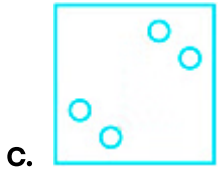
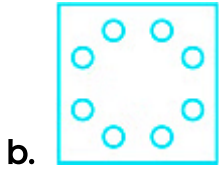
8. Select the Venn diagram that best represents the relationship between the following classes. (+1, -0.25)

Pumpkin, Spinach, Potato



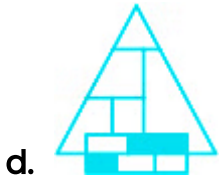
9. The sequence of folding a piece of paper and the manner in which the folded paper has been cut is shown in the following figures. How would this paper look when unfolded? (+1, -0.25)





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





---

11. In a certain code language, 'PHARMACEUTICAL' is written as 'QGBQNZDDVSJBBK'. How will 'ELECTRONIC' be written in that language? (+1, -0.25)

- a. FKFBUQPMJB
- b. FKFBUOPMIB
- c. FKEBUQPMKB
- d. FKFUBPOMIB

---

12. K is the son of R. V is the wife of J's son. H is K's son. M is the daughter of J. K is the brother of M. How is H related to R? (+1, -0.25)

- a. Maternal grandson
- b. Son
- c. Nephew
- d. Paternal grandson

---

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

\_ B I R \_ I R B \_

- a. CBH



- b. RBI
- c. HIG
- d. TIC

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

25	49	144
36	64	196
121	225	?

- a. 652
- b. 576
- c. 676
- d. 346

prepp

Your Personal Exams Guide

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

LOCK, MMFG, NKIC, OILY, ?

- a. PHPU
- b. PGOU
- c. PGOV
- d. PHPV

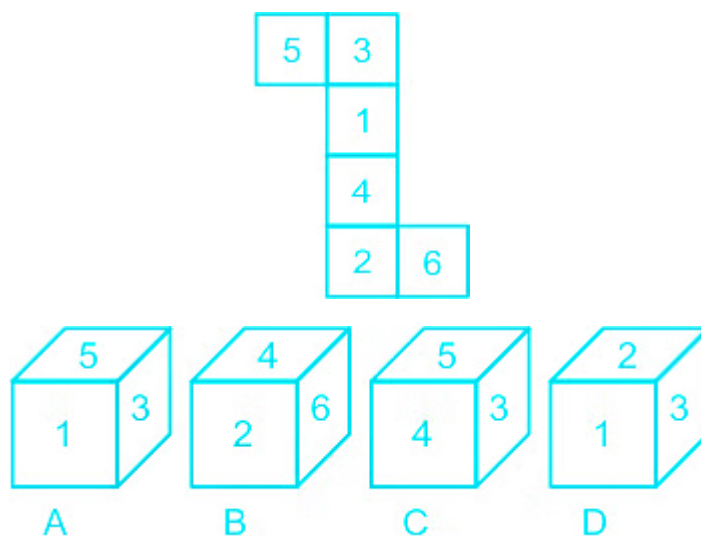
16. Select the correct option that indicates the arrangement of the given (+1, -0.25)

words in the order in which they appear in an English dictionary.

1. School
2. Stress
3. Source
4. Secure
5. Sweet

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

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



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

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

- a. TYDI
  - b. AFKP
  - c. GKOV
  - d. KPUZ
- 

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

**Statements:**

All wells are canals.

All canals are rivers.

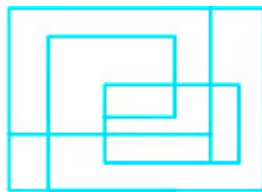
**Conclusions:**

- I) Some canals are wells.
- II) Some rivers are wells.

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

20. How many rectangles are there in the following figure?

(+1, -0.25)



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

Your Personal Exams Guide

21. Select the number from among the given options that can replace the question mark (?) in the following series.

(+1, -0.25)

42, 24, 34, 43, ?, 89

- a. 78
- b. 86
- c. 98
- d. 53

22. 'Numismatics' is related to 'Coins' in the same way as 'Orography' is related to '\_\_\_\_\_'. (+1, -0.25)

- a. Mountains
- b. Shells
- c. Fossils
- d. Eggs

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

SLOWER : SFXPMT :: MEAGRE : ?

- a. GSHBFO
- b. FSHBFN
- c. FSHNFC
- d. FBHTFN

24. Six children, Anand, Badri, Chaya, Dhruv, Srikar and Umesh are standing in a line, facing north. Umesh is standing second to the right of Srikar and to the immediate left of Chaya. Badri is between Dhruv and Chaya. Who is standing fourth to the left of Dhruv? (+1, -0.25)

- a. Chaya
- b. Srikar
- c. Umesh

d. Anand

---

25. In a certain code language, PLACE is written as QMZDD, and BEAUTY is written as CDZTUZ. How will MANSION be written in that language? (+1, -0.25)

a. NAMSNOI

b. NZOTHNO

c. NBOTJPO

d. NOISNAM

prepp

Your Personal Exams Guide

## General Knowledge and General Awareness

26. Section 20 of the \_\_\_\_\_ gives every person with mental illness a right to live with dignity. **(+1, -0.25)**
- a. Indian Penal Code, 1860
  - b. Mental Health Act, 1987
  - c. Mental Healthcare Act, 2017
  - d. National Medical Commission Act, 2019
- 
27. In September 2020, Vodafone and \_\_\_\_\_ announced their new unified brand identity by renaming all their products under a new name. **(+1, -0.25)**
- a. Idea
  - b. Airtel
  - c. BSNL
  - d. Reliance
- 
28. Which of the following projects was launched in November 2020 to combat the rising air pollution in Gurugram? **(+1, -0.25)**
- a. Combat pollution
  - b. Fight Air Pollution
  - c. Clean Air
  - d. Project Air Care

29. In which of the following years did the Mughal emperor Akbar die? (+1, -0.25)

- a. 1540
  - b. 1666
  - c. 1789
  - d. 1605
- 

30. 'Ankiya Nats' are one-act plays distinct to the culture of \_\_\_\_\_. (+1, -0.25)

- a. Bihar
  - b. Tamil Nadu
  - c. Odisha
  - d. Assam
- 

31. In which of the following states is the Nahargarh Fort located? (+1, -0.25)

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

32. The rate of change in the velocity of an object per unit time is referred as \_\_\_\_\_.

-----.



- a. average speed
  - b. average velocity
  - c. acceleration
  - d. motion
- 

33. The Constitution of a country serves many purposes. Which of the following may NOT be one? (+1, -0.25)

- a. It serves as a set of rules and principles on which the country can be governed.
  - b. It agrees on certain ideals the country should uphold.
  - c. It tells us the fundamental nature of our society.
  - d. It includes that the country should uphold a Presidential form of government.
- 

34. Farah Khan won the award for 'Best Choreography' at the Filmfare Awards 2021 for the film \_\_\_\_\_ (+1, -0.25)

- a. Chhapaak
  - b. Malang
  - c. Dil Bechara
  - d. Thappad
- 

35. Which of the following was a system of indigo cultivation in British India? (+1, -0.25)

- a. Bali
  - b. Zabt
  - c. Nij
  - d. Vanikpath
- 

36. PV Sindhu won the bronze medal in the Badminton Women's singles category at the Olympics held in Tokyo in 2021 by beating \_\_\_\_\_ (+1, -0.25)

- a. Sarosi Laura
  - b. He Bing Jiao
  - c. Kim Ga-eun
  - d. Gaitan Haramara
- 

37. 'Mahaweli Ganga' is the longest river of \_\_\_\_\_ (+1, -0.25)

- a. Sri Lanka
  - b. Nepal
  - c. Pakistan
  - d. Bhutan
- 

38. In September 2021, a two-judge bench of the Supreme Court ruled that the \_\_\_\_\_ of the temple is/are the owner/s of the land attached to it. (+1, -0.25)

- a. trustees

- b. presiding deity
  - c. trust
  - d. priest
- 

39. The scientific study of different aspects of plants is called \_\_\_\_\_. (+1, -0.25)

- a. bryology
  - b. biotechnology
  - c. zoology
  - d. botany
- 

40. As of November 2020, who among the following is one of the International Olympic Committee members from India? (+1, -0.25)

- a. Nita Ambani
  - b. PT Usha
  - c. Mukesh Ambani
  - d. Milkha Singh
- 

41. Houses of the Indus Valley Civilisation generally had rooms built around a \_\_\_\_\_ (+1, -0.25)

- a. fireplace
- b. well

- c. courtyard
- d. water tank

---

42. What is 'Issue Price'? (+1, -0.25)

- a. It is the same price as the market price.
- b. It is a price lower than the market price.
- c. It is a price fixed by the farmer.
- d. It is a price higher than the market price.

---

43. India defeated \_\_\_\_\_ to win the men's hockey bronze medal at the Olympic Games held in Tokyo in 2021. (+1, -0.25)

- a. Australia
- b. Belgium
- c. Argentina
- d. Germany

---

44. \_\_\_\_\_ is the study of the size, territorial distribution and composition of population and how population changes over time due to births, deaths, migration and ageing. (+1, -0.25)

- a. Phycology
- b. Demography
- c. Pomology

d. Kalology

---

45. According to 'ADB (Asian Development Bank) Annual Report 2018' how many countries are the members of ADB? (+1, -0.25)

a. 49

b. 87

c. 37

d. 68

---

46. The All-India Muslim League was formed at Dacca. Which of the following statements about it is NOT true? (+1, -0.25)

a. The League did not support the partition of Bengal.

b. The League was formed in 1906.

c. It desired separate electorates for the Muslims.

d. It was formed by a group of Muslim landlords and nawabs.

---

47. Union Budget 2020-21 envisages to create a 'future ready' railway system by the year \_\_\_\_\_ (+1, -0.25)

a. 2040

b. 2025

c. 2035

d. 2030

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

- a. It is also called Thar Desert.
  - b. The vegetation cover is low, with thorny bushes.
  - c. The Padma is a prominent river of the region.
  - d. It is the largest desert in India.
- 

49. Which of the following scientific research institutes topped in the National Ranking Index 2020? (+1, -0.25)

- a. IIT Madras
  - b. CSIR
  - c. IISC Bangalore
  - d. IIT Bombay
- 

50. Which of the following personalities won the Jnanpith Award in 2019? (+1, -0.25)

- a. Dr Raghuvver Chaudhari
  - b. Akkitham Achuthan Namboothiri
  - c. Chandrashekhara Kambara
  - d. Dr ONV Kurup
-

## Elementary Mathematics

51. If sum of ₹8,000 invested at 10% per annum interest compounded half-yearly, amounts to ₹9,261, then what is the time period? (+1, -0.25)
- a. 3 years
  - b.  $2\frac{1}{2}$  years
  - c. 2 years
  - d.  $1\frac{1}{2}$  years
- 

52. The average of 25 observations is 50. If the average of the first 13 observations is 40 and that of the last 13 observations is 58, then what is the 13<sup>th</sup> observation? (+1, -0.25)
- a. 20
  - b. 26
  - c. 24
  - d. 30
- 

53. The marked price of a saree is ₹1,800 and the successive discounts offered by a textile shop is 10% and 20%. Calculate the selling price of the saree. (+1, -0.25)
- a. ₹1,254
  - b. ₹1,365
  - c. ₹1,300

d. ₹1,296

---

54. If P earns  $33\frac{1}{3}\%$  less than Q, then how much per cent does Q earn more than P? (+1, -0.25)

a. 50%

b. 60%

c. 28%

d. 45%

---

55. Two cyclists start from the same place in opposite directions. One goes towards north at a speed of 14 km/h and the other goes towards south at a speed of 24 km/h. What time will they take to be 47.5 km apart? (+1, -0.25)

a.  $1\frac{1}{4}$  h

b.  $1\frac{2}{3}$  h

c.  $1\frac{1}{3}$  h

d. 1 h

---

56. The amount of a sum invested for 2 years at 15%p.a is ₹9,982.50, interest compounded 8-monthly. What will be the amount (in ₹) of the same sum at the same rate and same time if the interest is compounded annually? (Nearest to ₹) (+1, -0.25)

a. 9,919

b. 9,885



c. 9,923

d. 9,897

---

57. The value of  $6\frac{1}{4} \div [4\frac{7}{8} + \frac{3}{4} \times (9\frac{1}{2} - 7\frac{2}{3})]$  is : (+1, -0.25)

a. 6

b. 5

c. 2

d. 1

---

58. The incomes of A and B are in the ratio 5 : 8. If A and B spend ₹36,000 and ₹60,000, respectively, then the ratio of their savings is 3 : 4. What is the savings (in ₹) of B? (+1, -0.25)

a. 15,000

b. 10,000

c. 12,000

d. 9,000

---

59. A train covers a distance in 12 hr if it runs at a speed of 75 km/h. Find the speed at which the train must run to decrease the time of journey by 3 h from the original time. (+1, -0.25)

a. 95 km/h

b. 90 km/h

- c. 100 km/h
- d. 120 km/h

---

60. The average age of husband, wife and their child, 5 years ago, was 24 years and that of wife and the child, 6 years ago, was 18 years. Find the present age of the husband. (+1, -0.25)

- a. 39 years
- b. 42 years
- c. 35 years
- d. 36 years

---

61. If 40% of a number is added to 165, then the result will be the number itself. Find that number. (+1, -0.25)

- a. 225
- b. 250
- c. 284
- d. 275

---

62. The value of  $72 \div 180 \times 5 + [96 \div 64 \times 5 - 25 \div 16 \times (23 - 29) - 11] \div 7 \frac{5}{6}$  is: (+1, -0.25)

- a.  $1\frac{1}{4}$
- b.  $3\frac{1}{2}$
- c.  $2\frac{1}{2}$

d.  $2\frac{3}{4}$

---

63. A trader sells an article at a discount of 28% on its marked price and still gains 20%. If he gains ₹10.50 on the sale of one article, then what is the marked price (in ₹) of the article? (+1, -0.25)

a. 75

b. 87.50

c. 85.80

d. 80

---

64. If the LCM of four distinct numbers is 270 and the HCF of each pair is 9, then what is the product of the four numbers? (+1, -0.25)

a. 270

b. 196830

c. 200605

d. 2430

---

65. By selling an article for ₹460, Sudha loses 8%. If she sells it for ₹590, then her profit percentage is : (+1, -0.25)

a. 15.3%

b. 20%

c. 18%

---

d. 16.4%

---

66. A and B can do a certain work in  $22\frac{1}{2}$  days and 30 days, respectively. (+1, -0.25)  
They started the work together but after 6 days, B had to leave. Then, A working with C and completed the remaining work in 3 days. C alone can complete the original work in :
- a.  $7\frac{1}{2}$  days
  - b.  $8\frac{1}{2}$  days
  - c. 8 days
  - d. 9 days
- 

67. By selling an article at  $\frac{9}{11}$  of its selling price, Madhu incurs a loss of 10%. If she sells the article at 95% of its actual selling price, then what is the profit percentage (correct to one decimal place)? (+1, -0.25)
- a. 6.8%
  - b. 4.5%
  - c. 5.4%
  - d. 3.8%
- 

68. Find the HCF of  $\frac{4}{25}$ ,  $\frac{8}{35}$  and  $\frac{22}{40}$ . (+1, -0.25)
- a.  $\frac{1}{700}$
  - b.  $\frac{5}{1400}$
  - c.  $\frac{3}{1400}$
-

d.  $\frac{1}{2800}$

---

69. Find the volume of a cone the radius of whose base is 18 cm and its height is 35 cm. (Take  $\pi = \frac{22}{7}$ ) (+1, -0.25)

a.  $35460 \text{ cm}^3$

b.  $10880 \text{ cm}^3$

c.  $35880 \text{ cm}^3$

d.  $11880 \text{ cm}^3$

---

70. Lavanya purchased an electric cooker at ninth-tenths of its selling price and sold it at 5% more than its selling price. Find her percentage gain (+1, -0.25)

a.  $18\frac{1}{4}\%$

b.  $12\frac{1}{2}\%$

c.  $19\frac{1}{3}\%$

d.  $16\frac{2}{3}\%$

---

71. Two men X and Y working together, completed a job in 6 days. If X had worked thrice as efficiently as he actually worked and Y had worked one-fourth as efficiently as he actually worked, the work would have been completed in 4 days. In how many days X alone could complete the work? (+1, -0.25)

a.  $12\frac{6}{5}$  days

b.  $8\frac{1}{2}$  days

c.  $9\frac{1}{3}$  days

d.  $10 \frac{1}{5}$  days

---

72. The fourth proportional to 4, 8, 15 is :

(+1, -0.25)

a. 35

b. 40

c. 30

d. 25

---

73. The compound interest on a sum of ₹8,400 in 3 years at a certain rate percent per annum is ₹6115.20, interest being compounded annually. What will be the difference in (₹) between compound interest on the same sum at the same rate for  $1 \frac{1}{2}$  years, when the interest is compounded half yearly and the simple interest on the same sum for same rate and for the same period?

(+1, -0.25)

a. 275.75

b. 320.25

c. 260.40

d. 250

---

74. A cylindrical vessel of base radius 10.5 cm and height 30 cm is  $\frac{4}{5}$  full of water. The entire water is poured into a rectangular tub of length 44 cm and breadth 36 cm. The height (in cm) to which the water level rises in the tub is (Take  $\pi = \frac{22}{7}$ ) (Assuming no overflow of water)

(+1, -0.25)

a.  $6 \frac{1}{3}$

b.  $5\frac{1}{4}$

c.  $5\frac{1}{2}$

d.  $6\frac{1}{2}$

---

75. A sum of ₹8,052 is divided among W, X, Y and Z such that  $W : X = X : Y = Y : Z = 5 : 6$ . What is the sum of the shares of X and Y? (+1, -0.25)

a. ₹3,960

b. ₹2,160

c. ₹1,800

d. ₹1,200

prepp

Your Personal Exams Guide

## English

76. Select the option that is closest in meaning to the underlined idiom/phrase in the given sentence. (+1, -0.25)

My room is always spick and span.

- a. bright and well-ventilated
- b. used and dirty
- c. dark and messy
- d. neat and tidy

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

Come of age

- a. Reach maturity
- b. Be too young
- c. Earn money
- d. Grow old

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

An edged, bladed weapon that is longer than a knife

- a. Sword
- b. Rifle



- c. Spear
  - d. Arrow
- 

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

If I were late on the first day, it will make me look bad for the rest of the year.

- a. it makes
  - b. would have made
  - c. No improvement required
  - d. it would make
- 

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

- a. Sheet
  - b. Shade
  - c. Shedule
  - d. Sheath
- 

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

You have \_\_\_\_\_ much but do not lose hope.

- a. supported

- b. suffered
  - c. stood
  - d. settled
- 

82. 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)

Aparna will need a bigger bag than I will to pack her things.

- a. a biggest bag than I
  - b. No substitution required
  - c. a big bag than me
  - d. bigger bag than I
- 

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

A four-footed animal

- a. Biped
  - b. Reptile
  - c. Centipede
  - d. Quadruped
- 

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

The leader is popular because of his \_\_\_\_\_ and devotion towards the cause of the poor villagers.

- a. listlessness
- b. demonism
- c. decoction
- d. dynamism

---

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

Detailed examination of something complex

- a. Analysis
- b. Experiment
- c. Discovery
- d. Invention

---

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

The teacher / handled the / mischief child / quite easily.

- a. mischief child
- b. The teacher
- c. quite easily
- d. handled the

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

(+1, -0.25)

Lenient

- a. Furious
- b. Tolerant
- c. Strict
- d. Mild

---

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

(+1, -0.25)

A mother has / a greatest / influence / over the children.

- a. a greatest
- b. over the children
- c. influence
- d. A mother has

---

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

(+1, -0.25)

Level (adj)

- a. Matched
- b. Rough
- c. Flat

d. Frequent

---

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

The latch is \_\_\_\_\_, I cannot open the window.

- a. packed
  - b. jammed
  - c. crammed
  - d. congested
- 

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

Having white hair make him look wise.

- a. makes him look
  - b. No improvement required
  - c. making him looks
  - d. make him looking
- 

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

As the moon came up / over Himalayan peaks I saw / that the road looked / like a ribbon of moonlight.

- a. As the moon came up
  - b. that the road looked
  - c. like a ribbon of moonlight
  - d. over Himalayan peaks I saw
- 

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

Immune

- a. Excused
  - b. Sensitive
  - c. Eager
  - d. Exposed
- 

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

- a. Ability
  - b. Separate
  - c. Neccessary
  - d. Definitely
- 

95. Select the most appropriate SYNONYM of the given word. (+1, -0.25)

Adapt

- a. Disturb

- b. Reject
- c. Adjust
- d. Neglect

---

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

It was a cloudy morning. I had just left for school (1) \_\_\_\_\_ I was caught in a heavy storm. I (2) \_\_\_\_\_ as it started pouring and I got all (3) \_\_\_\_\_. The clouds were blaring with thunder and lightning. (4) \_\_\_\_\_ all this, I managed to find a shelter and (5) \_\_\_\_\_ whether I should go to school or return home.

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

- a. when
- b. though
- c. then
- d. since

---

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

It was a cloudy morning. I had just left for school (1) \_\_\_\_\_ I was caught in a heavy storm. I (2) \_\_\_\_\_ as it started pouring and I got all (3) \_\_\_\_\_. The clouds were blaring with thunder and lightning. (4) \_\_\_\_\_ all this, I managed to find a shelter and (5) \_\_\_\_\_ whether I should go to school or return home.

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

- a. confused
- b. alarmed
- c. frightened
- d. panicked

---

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

It was a cloudy morning. I had just left for school (1) \_\_\_\_\_ I was caught in a heavy storm. I (2) \_\_\_\_\_ as it started pouring and I got all (3) \_\_\_\_\_. The clouds were blaring with thunder and lightning. (4) \_\_\_\_\_ all this, I managed to find a shelter and (5) \_\_\_\_\_ whether I should go to school or return home.

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

- a. parched
- b. drenched
- c. drowned
- d. flooded

---

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



It was a cloudy morning. I had just left for school (1) \_\_\_\_\_ I was caught in a heavy storm. I (2) \_\_\_\_\_ as it started pouring and I got all (3) \_\_\_\_\_. The clouds were blaring with thunder and lightning. (4) \_\_\_\_\_ all this, I managed to find a shelter and (5) \_\_\_\_\_ whether I should go to school or return home.

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

- a. Through
- b. Within
- c. Amidst
- d. Along

---

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)

It was a cloudy morning. I had just left for school (1) \_\_\_\_\_ I was caught in a heavy storm. I (2) \_\_\_\_\_ as it started pouring and I got all (3) \_\_\_\_\_. The clouds were blaring with thunder and lightning. (4) \_\_\_\_\_ all this, I managed to find a shelter and (5) \_\_\_\_\_ whether I should go to school or return home.

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

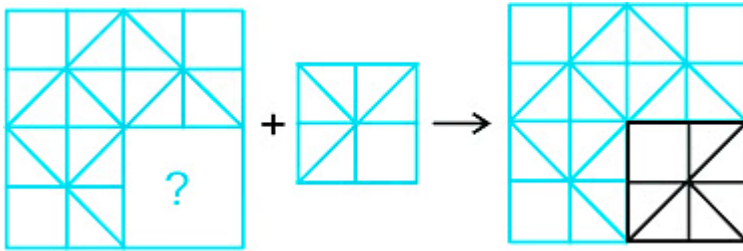
- a. worried
- b. studied
- c. concluded
- d. considered

## Answers

### 1. Answer: c

#### Explanation:

The figure that can replace the question mark is given below:



Hence, "Option - (3)" is the correct answer.

### 2. Answer: b

#### Explanation:

Given :

- Two train tickets from station A to B and three tickets from station A to C cost ₹8,750.
- Three tickets from station A to B and two tickets from station A to C cost ₹9,825.

To find : Fares for stations B and C from station A

Explanation :

Let the fare of train ticket from station A to B be = X

Let the fare of train ticket from station A to C be = Y

So, according to the question the equation will be :

$$2X + 3Y = 8750 \rightarrow \text{(1st equation)}$$

$$3X + 2Y = 9825 \rightarrow (2\text{nd equation})$$

Now, solving both the equations :

→ Making the X variable same, so multiplying 1st equation by 3 and 2nd equation by 2.

$$(2X + 3Y = 8750) \times 3 \Rightarrow 6X + 9Y = 26250$$

$$(3X + 2Y = 9825) \times 2 \Rightarrow 6X + 4Y = 19650$$

Now, As '6X' is same in both the equations therefore :

$$9Y - 26250 = 4Y - 19650$$

$$9Y - 4Y = 26250 - 19650$$

$$5Y = 6600$$

$$Y = 1320$$

Putting the value 'Y' in 1st equation:

$$2X + (3 \times 1320) = 8750$$

$$2X + 3960 = 8750$$

$$2X = 8750 - 3960$$

$$2X = 4790$$

$$X = 2395$$

Thus, according to the given information fares for stations B and C from station A is ₹2395 and ₹1320 respectively.

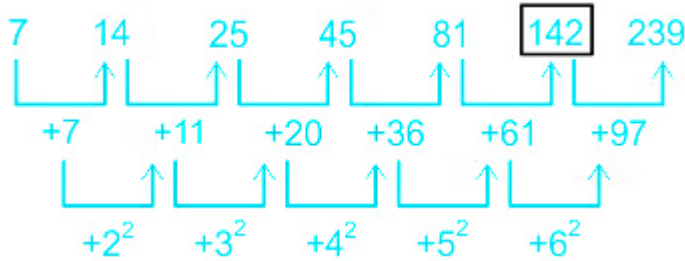
Hence, "₹2,395 and ₹1,320" is the correct answer

---

### 3. Answer: c

**Explanation:**

The pattern followed here is :



Hence, "142" is the correct answer.

**4. Answer: a**

**Explanation:**

Given :

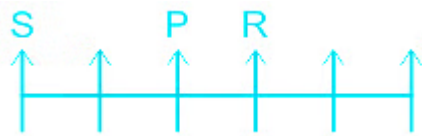
- Six friends - P, Q, R, S, T and U.
- They are sitting in a row facing south.

Explanation :

1) P is sitting to the immediate left of R and second to the right of S.

There are three possible cases for the position of S.

- Case - (1)



- Case - (2)



- Case - (3)



2) T is sitting to the immediate right of R

3) Q is sitting to the immediate left of S.

As in case - (1) there is no possible position for Q, therefore this case is eliminated.

As in case - (3) there is no possible position for T, therefore this case is eliminated.

- Case - (2)



4) U is sitting second to the left of R.

- Case - (2)



Thus, according to the final arrangement T is sitting at the extreme right end of the row.

Hence, "T" is the correct answer.

5. Answer: c

Explanation:

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

Given :  $48 \times 5 + 9 \div 6 - (32 - 7) + 9$

According to the question :

- The signs '×' and '÷' are interchanged
- The numbers '6' and '5' are interchanged

So, After interchanging the signs and numbers:

$$= 48 \div 6 + 9 \times 5 - (32 - 7) + 9$$

$$= \underline{48 \div 6} + 9 \times 5 - 32 + 7 + 9$$

$$= 8 + \underline{9 \times 5} - 32 + 7 + 9$$

$$= 8 + \underline{45} + 7 + 9 - 32$$

$$= \underline{69} - 32$$

$$= 37$$

Hence, "37" is the correct answer.

## 6. Answer: a

### Explanation:

Logic : Square of (Second number - 2) = First number

So,

- 144 : 14

$$(14 - 2)^2 = 144$$

$$(12)^2 = 144$$

$$144 = 144 \text{ (LHS = RHS)}$$

Similarly,

- 81 : ?

Doing the reverse calculation :

As the required answer is 81, so '81' is the square of '9'

So, it can be said that :-

$$(? - 2) = 9$$

$$? = 11$$

Hence, "11" is the correct answer.

## 7. Answer: a

Your Personal Exams Guide

### Explanation:

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

Logic : The number of letters in a word - 1

So,

- DERMATOLOGY is coded as :

Number of letters = 11

$$11 - 1 = 10$$

- MAXIMUM is coded as :

Number of letters = 7

$$7 - 1 = 6$$

Similarly,

- NOCTURNAL is coded as :

Number of letters = 9

$$9 - 1 = 8$$

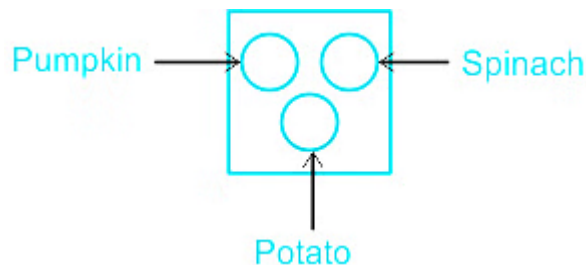
Hence, "8" is the correct answer.

---

**8. Answer: d**

**Explanation:**

The Venn diagram that best represents the relationship between 'Pumpkin, Spinach, Potato' is shown below:



As 'Pumpkin, Spinach, Potato' are three different types of vegetables therefore all of them will be shown separately.

Hence, "Option - (4)" is the correct answer.

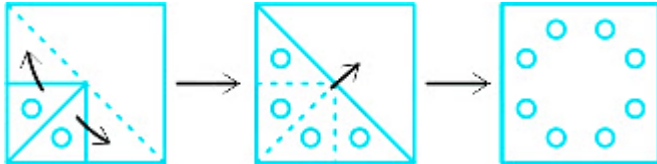


9. Answer: b

**Explanation:**

According to given figure:

The figure will appear when it is opened as follows:



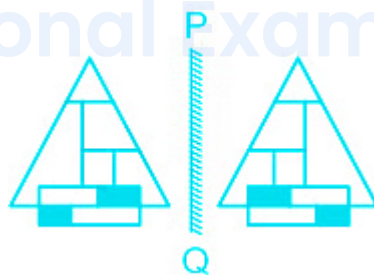
Hence, the correct answer is "option - (2)".

10. Answer: c

**Explanation:**

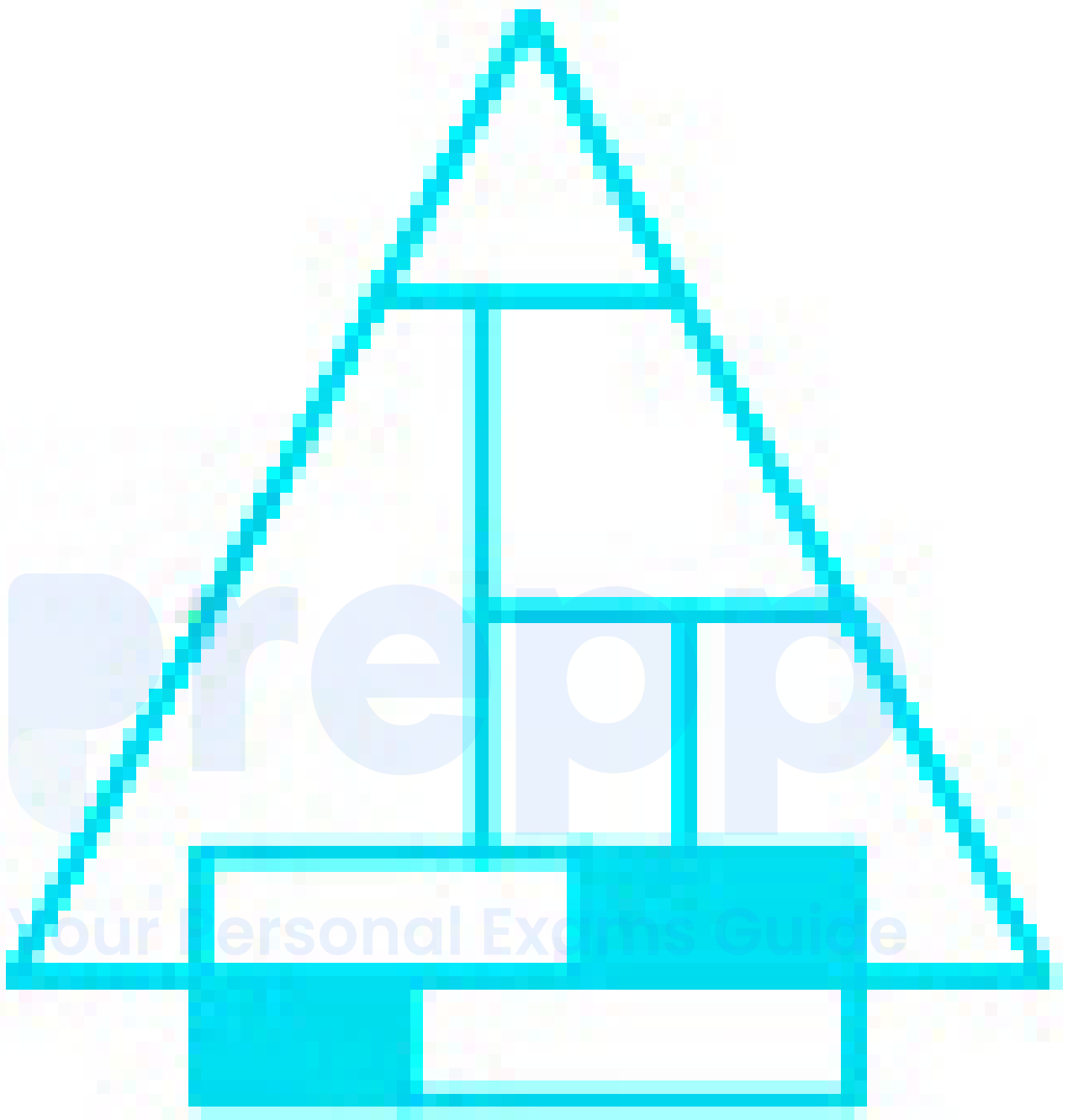
The correct mirror image of the given combination when mirror is placed at PQ is as shown below:

Your Personal Exams Guide



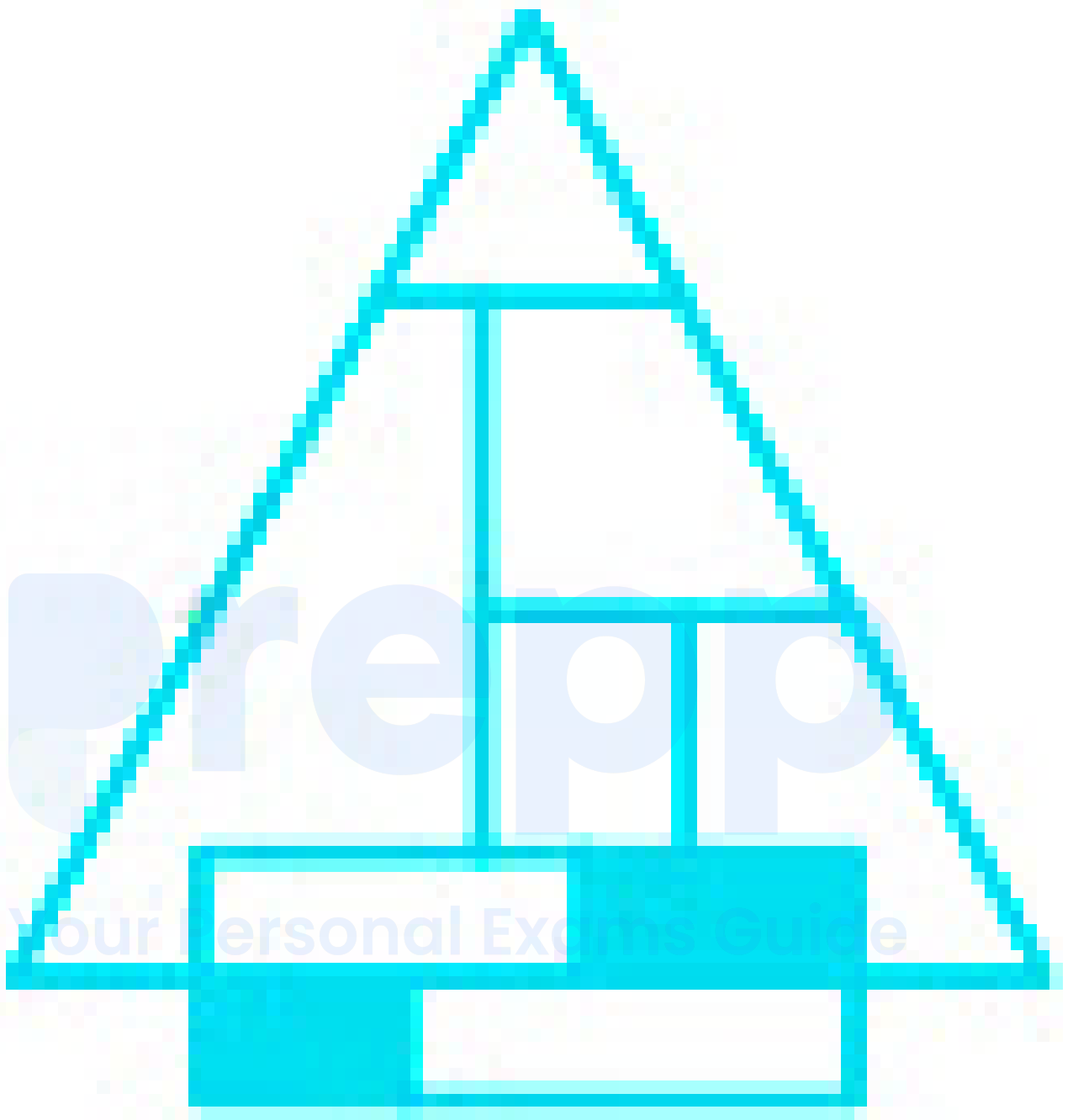
Detailed Explanation:

- The line PQ is the mirror
- The figure "

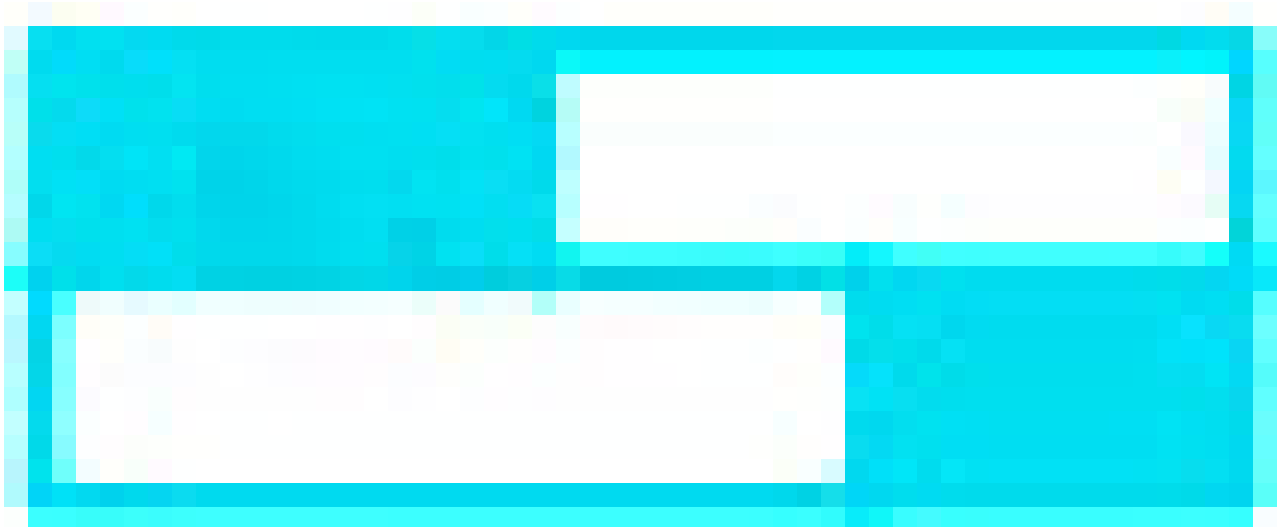


" the mirror is placed horizontally instead of vertically  $\Rightarrow$  Option 1 is eliminated.

- The figure "



" the part of the figure is "

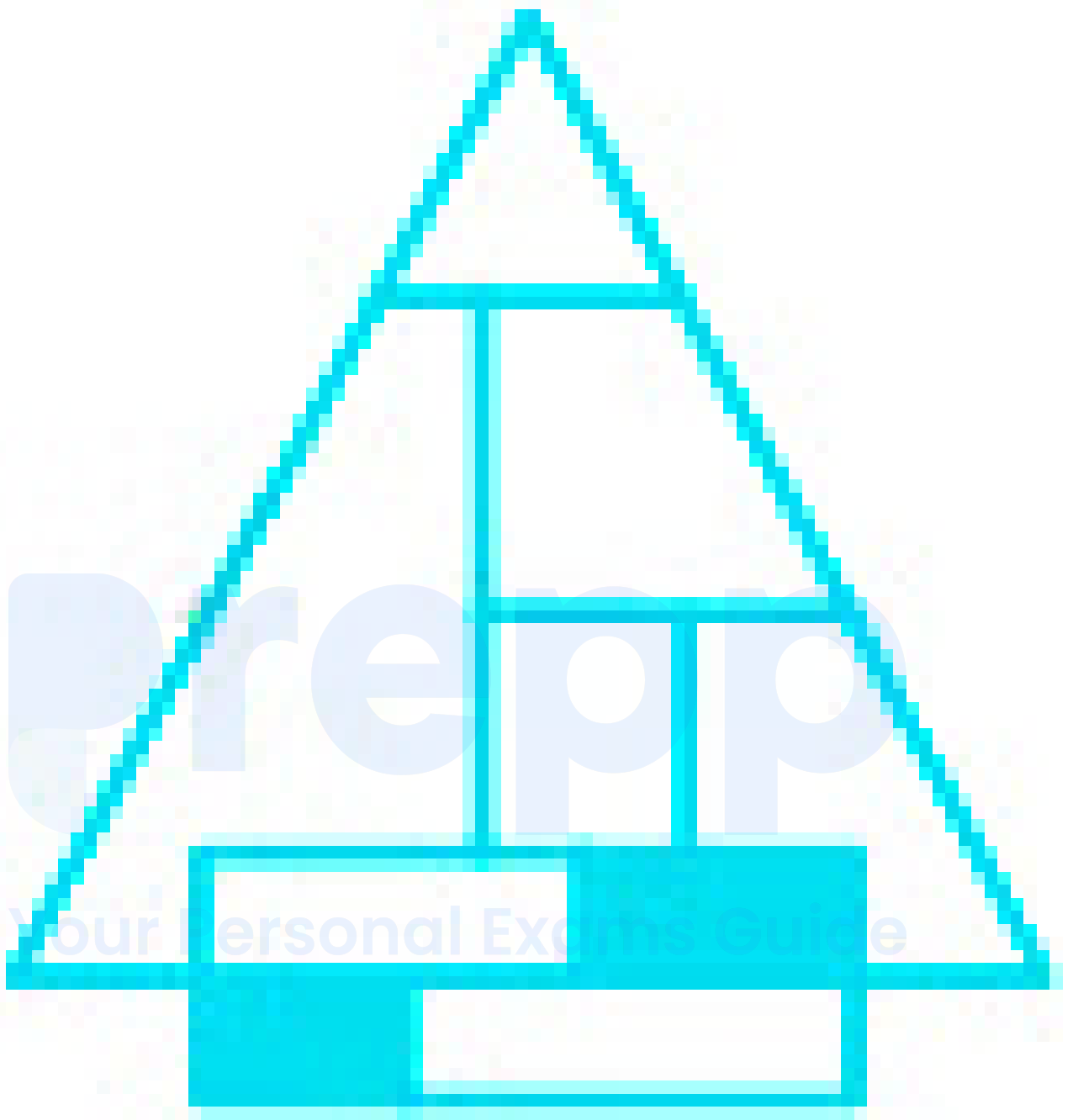


" So, the mirror image should be "

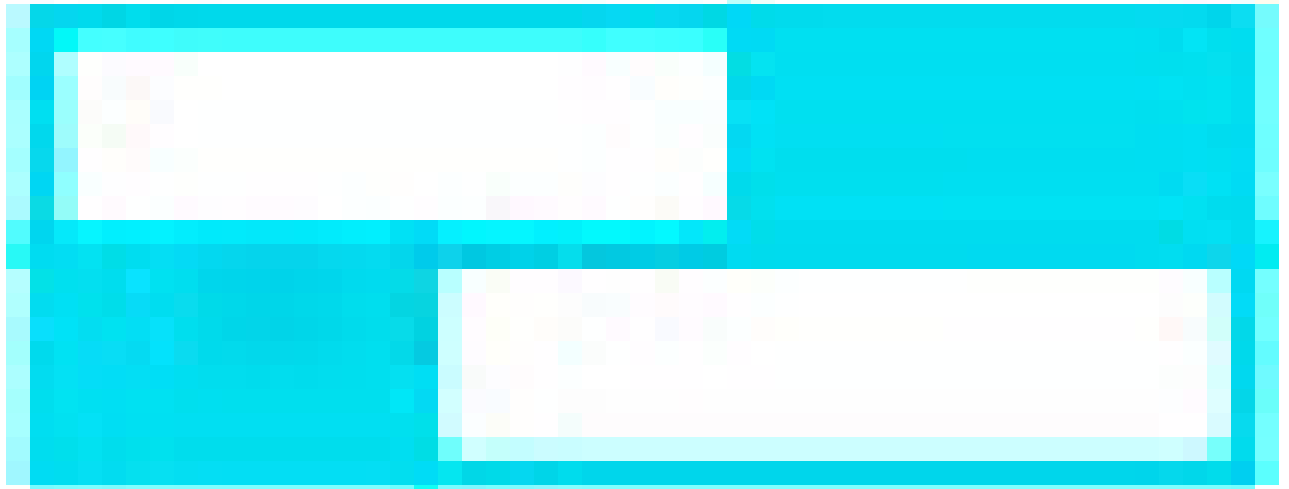


" ⇒ Option 2 is eliminated..

- The figure "



" the part of the figure is "



". So, the mirror image should be "



" ⇒ Option 4 is eliminated.

Hence, the correct answer is "Option - (3)".

11. **Answer: a**

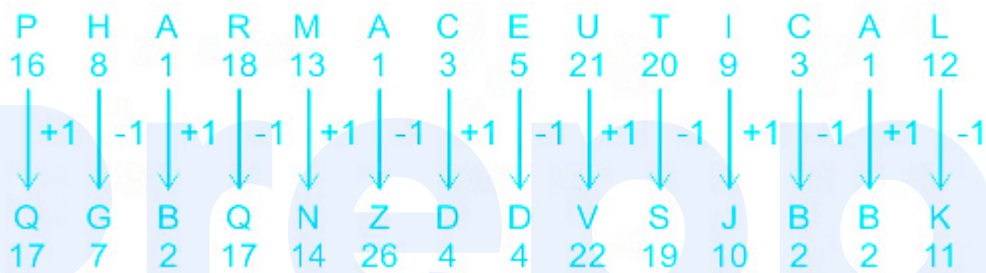
**Explanation:**

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

Logic : (1) is added to and subtracted from each position value alternately starting with the addition.

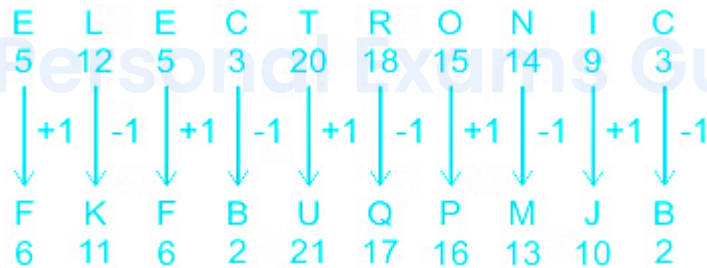
So,

- PHARMACEUTICAL is written as :



Similarly,

- ELECTRONIC is written as :



Hence, "FKFBUQPMJB" is the correct answer.

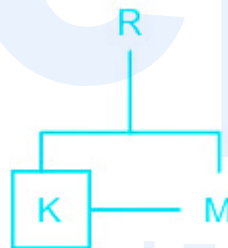
12. Answer: d

Explanation:

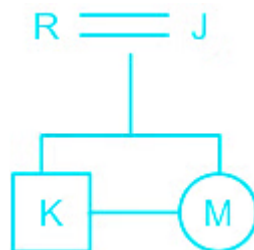
Symbol in Diagram	Meaning
○	Female
□	Male
==	Married couple
—	Siblings
	Difference of a generation

So, according to the question :

- 1) K is the son of R
- 2) K is the brother of M.

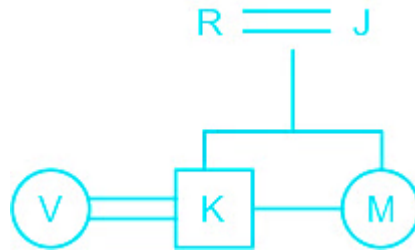


- 3) M is the daughter of J

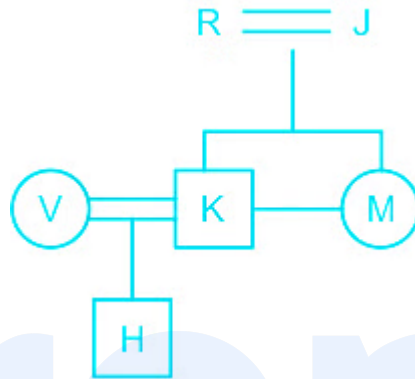


- 4) V is the wife of J's son.





5) H is K's son.



Thus, according to the final family tree H is the paternal grandson of R and J.

Hence, "Paternal grandson" is the correct answer.

13. Answer: b

Explanation:

Given : \_ B I R \_ I R B \_

By checking options :

1. CBH → C B I R B I R B H → (It doesn't Follows the pattern)
2. RBI → R B I R B I R B I → (It follows the pattern of : RBI - RBI - RBI )
3. HIG → H B I R I I R B G → (It doesn't Follows the pattern)
4. TIC → I B I R I I R B C → (It doesn't Follows the pattern)

⇒ Option - (2) gives the pattern of "R B I - R B I - R B I"

Hence, " RBI " is the correct answer.

#### 14. Answer: c

#### Explanation:

Logic : The pattern followed here is column wise.

Square (Square root of first number + Square root of second number) = Third number

So,

- First column

$$(\sqrt{25} + \sqrt{36})^2 = 121$$

$$(5 + 6)^2 = 121$$

$$(11)^2 = 121$$

$$121 = 121 \text{ (LHS = RHS)}$$

- Second column

$$(\sqrt{49} + \sqrt{64})^2 = 225$$

$$(7 + 8)^2 = 225$$

$$(15)^2 = 225$$

$$225 = 225 \text{ (LHS = RHS)}$$

Similarly,

- Third column

$$(\sqrt{144} + \sqrt{196})^2 = ?$$

$$(12 + 14)^2 = ?$$

$$(26)^2 = ?$$

? = 676

Hence, "676" is the correct answer.

15. Answer: b

Explanation:

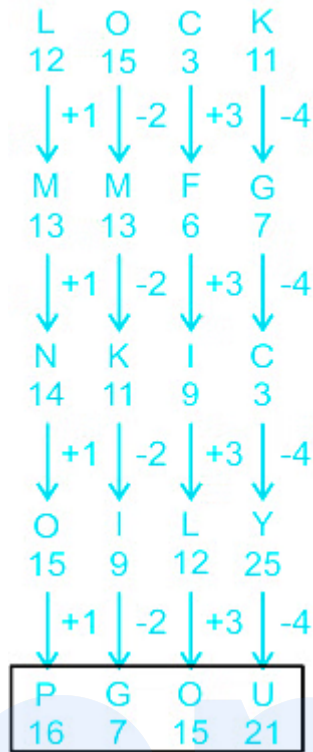
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Logic :

- First letter - (1) is added to each position value
- Second letter - (2) is subtracted from each position value
- Third letter - (3) is added to each position value
- Fourth letter - (4) is subtracted from each position value

So,

Your Personal Exams Guide



Hence, "PGOU" is the correct answer.

16. Answer: c

**Explanation:**

According to the sequence in the dictionary.

1. School

4. Secure

3. Source

2. Stress

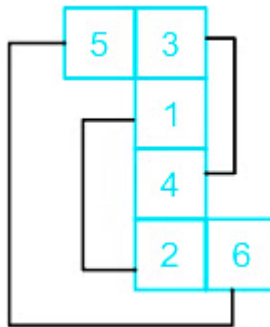
5. Sweet

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

17. Answer: c

**Explanation:**

The faces opposite to each other are shown below:



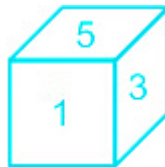
⇒ As the alternate positions becomes opposite to each other and the remaining two faces becomes opposite to each other.

So, opposite pairs are:

- 1 → 2
- 3 → 4
- 6 → 5

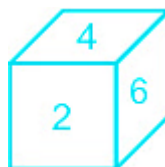
Therefore,

(A) →



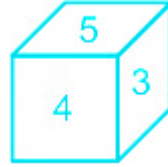
⇒ Correct (As 1 is opposite to 2, 3 is opposite to 4 and 5 is opposite to 6. So one number of each pair is shown)

(B) →



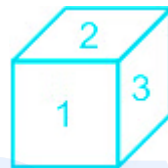
⇒Correct (As 2 is opposite to 1, 4 is opposite to 3 and 6 is opposite to 5. So one number of each pair is shown )

(C) →



⇒Incorrect (As 4 is opposite to 3, 3 is opposite to 4 and 5 is opposite to 6. So one full pair cannot be shown )

(D) →



⇒Incorrect (As 1 is opposite to 2, 2 is opposite to 1 and 3 is opposite to 4. So one full pair cannot be shown)

Hence, " Only A and B " is the correct answer.

18. Answer: c

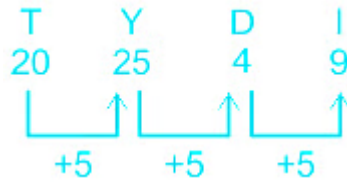
Explanation:

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

Logic : Difference between the position value is (5).

So,

- TYDI



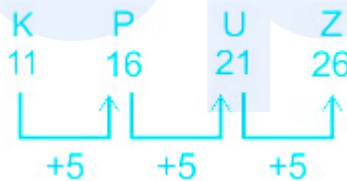
- AFKP



- GKOV



- KPUZ



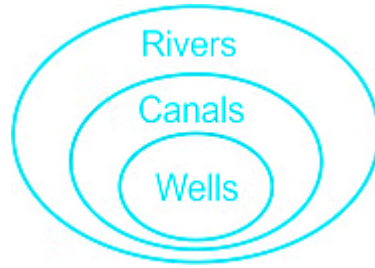
Thus, Out of the given options only GKOV doesn't have a common position value difference i.e 5.

Hence, "GKOV" is the correct answer.

19. Answer: c

**Explanation:**

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



Conclusions:

- I. Some canals are wells → Follow (As all canals are rivers. So, it is definitely true)
- II. Some rivers are wells → Follow (As all canals are rivers, all wells are canals. So, it is definitely true)

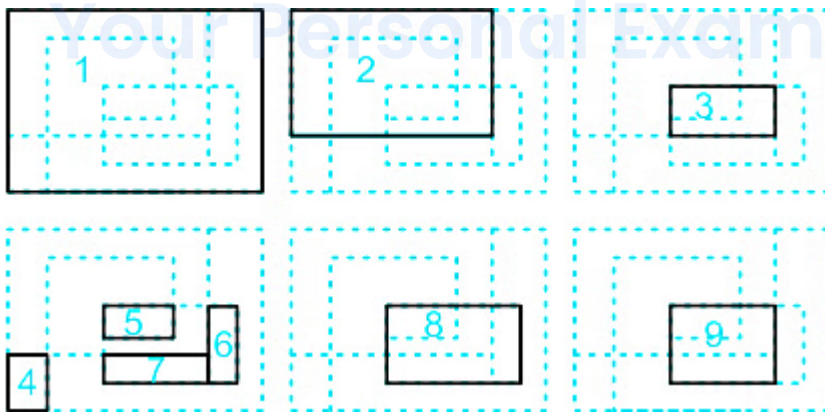
∴ Here, Both conclusions I and II follow.

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

20. Answer: d

Explanation:

The number of rectangles are shown below:



Thus, according to the given figure there are 9 rectangles.

Hence, "9" is the correct answer.



21. Answer: c

Explanation:

The pattern followed here is : Immediate next number is the reverse of the previous number.



Hence, "98" is the correct answer.

22. Answer: a

Explanation:

The patter followed here is :

- Study of **coins** is called **numismatics** .

Similarly,

- Study of **mountains** is called **orography** .

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

★ Additional Information

1. **Mountains** – Study of mountains is called orography.
2. Shells – Study of shells is called conchology.
3. Fossils – Study of fossils is called paleontology.
4. Eggs – Study of eggs is called oology.

23. Answer: b

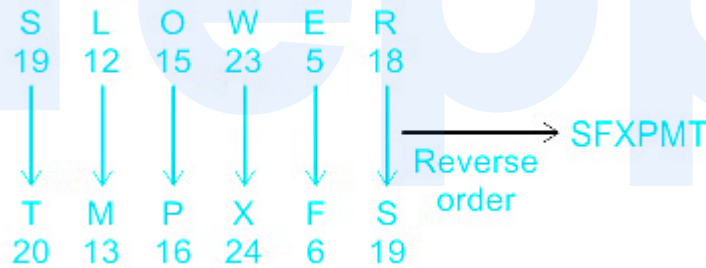
Explanation:

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

Logic : Immediate next letter of the first term according to English alphabetic series is written and then reversed = Second term

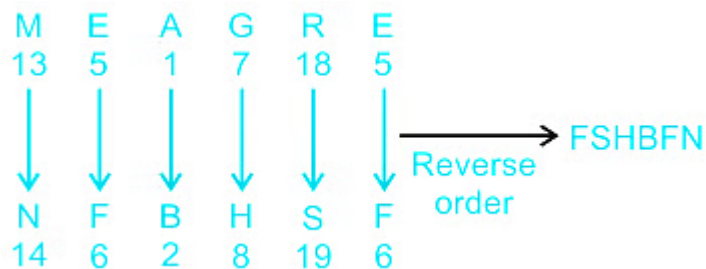
So,

- SLOWER : SFXPMT



Similarly, Your Personal Exams Guide

- MEAGRE : ?



Hence, "FSHBFN" is the correct answer.

24. Answer: d

**Explanation:**

Given : Six children, Anand, Badri, Chaya, Dhruv, Srikar and Umesh are standing in a line, facing north.

**Explanation :**

1) Umesh is standing second to the right of Srikar and to the immediate left of Chaya.

There are three possible cases for the position of Umesh.

- Case - (1)



- Case - (2)



- Case - (3)



2) Badri is between Dhruv and Chaya.

As in case - (2) and case - (3) there is no possible position for Badri and Dhruv, therefore these cases are eliminated.

After positioning Badri and Dhruv only one position is left which will be occupied by the only person left i.e Anand.

- Case - (1)



Thus, according to the final arrangement Anand is standing fourth to the left of Dhruv.

Hence, "Anand" is the correct answer.

25. Answer: b

Explanation:

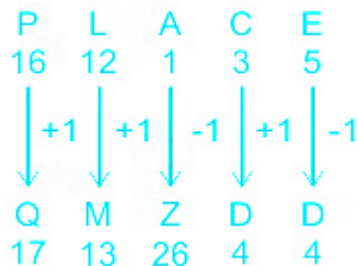
Alphabets	A	B	C	D	E	F	G	H	I	J	K	L	M
Positional value	1	2	3	4	5	6	7	8	9	10	11	12	13
Positional value	26	25	24	23	22	21	20	19	18	17	16	15	14
Alphabets	Z	Y	X	W	V	U	T	S	R	Q	P	O	N

Logic :

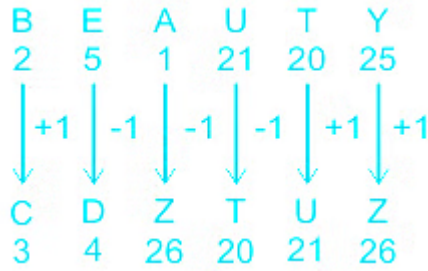
- Consonants - Immediate next letter according to English alphabetic series is written.
- Vowels - Immediate previous letter according to English alphabetic series is written.

So,

- PLACE is written as :

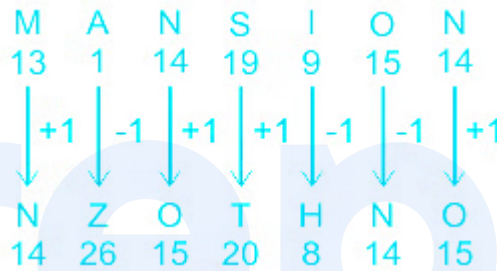


- BEAUTY is written as :



Similarly,

- MANSION is written as :



Hence, "NZOTHNO" is the correct answer.

26. Answer: c

Explanation:

The correct answer is Mental Healthcare Act, 2017.

★ Key Points

- **Section 20** of the Mental Healthcare Act, of 2017 gives every person with mental illness a right to live with dignity.
  - In India, the **Mental Health Care Act 2017** was passed on 7 April 2017 and came into force on 29 May 2018 .
  - The act effectively decriminalized attempted suicide which was punishable under Section 309 of the Indian Penal Code.
  - The law was described as;

- "An Act to provide for mental healthcare and services for persons with mental illness and to protect, promote and fulfil the rights of such persons during delivery of mental healthcare and services and for matters connected therewith or incidental thereto."
- This Act superseded the previously existing Mental Health Act, of 1987 which was passed on **22 May 1987**.

★ Additional Information

- **The Indian Penal Code (IPC)** is the official criminal code of India.
  - It is a comprehensive code intended to cover all substantive aspects of criminal law.
- In India, the **Mental Health Act** was passed on **22 May 1987**.
  - The law was described in its opening paragraph as "An Act to consolidate and amend the law relating to the treatment and care of mentally ill persons, to make better provision with respect to their property and affairs and for matters connected therewith or incidental thereto."
- The **National Medical Commission (NMC)** has been constituted by an act of Parliament known as **the National Medical Commission Act, 2019** which came into force on **25.9.2020** by gazette notification dated **24.9.2020**.
  - The Board of Governors in supersession of the **Medical Council of India constituted under section 3A** of the **Indian Medical Council Act, 1956** stands dissolved thereafter.

27. Answer: a

**Explanation:**

The correct answer is Idea.

★ Key Points

- In **September 2020**, **Vodafone and Idea** announced their new unified brand identity by renaming all their products under a new name.
- **Vodafone-Idea** announced a new and unified brand identity by renaming all its products under the **brand name 'Vi'**.

- Vodafone-Idea on Monday, **7 September**, announced a new and unified brand identity by renaming all its products under the **brand name 'Vi'**.

★ Additional Information

- **Vodafone Idea Limited** is an **Aditya Birla Group and Vodafone Group partnership**.
- It is India's leading telecom service provider.
- The Company provides pan **India Voice and Data services** across **2G, 3G and 4G platforms**.

---

28. Answer: d

Explanation:

The correct answer is Project Air Care.

★ Key Points

- **Project Air Care** was launched in November 2020 to combat the rising air pollution in Gurugram.
- On November 11, 2020, **Haryana Chief Minister (CM)**, Manohar Lal Khattar virtually unveiled 'Project Air Care' to combat rising **Air Pollution in Gurugram, Haryana**.

★ Additional Information

- Air Pollution is the presence of undesirable solid or gaseous particles or particulate matter in the air, in an amount that is harmful to humans.
- **Primary pollutants** : Emitted directly from the source.
  - **E.g:** CO<sub>2</sub>, CO, SO<sub>2</sub>, Ozone, Lead, Methane etc.
- **Secondary pollutants** : It is produced by the interaction of two or more primary pollutants.
  - **E.g:** Smog, FlyAsh etc.

## 29. Answer: d

### Explanation:

The correct answer is 1605.

#### ★ Key Points

- **Mughal emperor Akbar die in1605.**
- He was only thirteen years old at the time of **Humayun's death**.
- When his father died, Akbar was at Kalanaur in Punjab and therefore his coronation took place in **Kalanaur itself in 1556**.
- It was his tutor and Humayun's favourite and confidant Bairam Khan, who served as the regent of the Mughal emperor from **1556 to 1560**.
- As a conqueror, Akbar triumphed all over North India.
- The first four years of Akbar's rule saw the expansion of the Mughal empire from Kabul to Jaunpur, including Gwalior and Ajmer, under his regent Bairam Khan.
- One of the major achievements of his regency period was the **defeat of Hemu and the Afghan forces in the second battle of Panipat in 1556**, who were posing a serious threat to the **Mughal Empire**.

#### ★ Additional Information



<p><b>Babur</b></p>	<ul style="list-style-type: none"> <li>• He is the founder of the Mughal Empire.</li> <li>• He fought the first Battle of Panipat in 1526 with Ibrahim Lodhi and laid the foundation of the Mughal Empire.</li> <li>• His autobiography Tuzuk-i-Babri was written in the Turkish Language.</li> <li>• In 1527 his general Mir Baki built Babri Masjid.</li> <li>• He died in 1530.</li> </ul>
<p><b>Humayun</b></p>	<ul style="list-style-type: none"> <li>• He was the son of Babur.</li> <li>• He was a mathematician and astronomer.</li> <li>• His autobiography Humayunama was written by his sister Gulbadan Begum.</li> </ul>
<p><b>Jahangir</b></p>	<ul style="list-style-type: none"> <li>• His childhood name was Salim.</li> <li>• He executed the fifth guru of Sikh Arjun Dev.</li> <li>• His period was the golden age of painting.</li> </ul>
<p><b>Shah Jahan</b></p>	<ul style="list-style-type: none"> <li>• His period was the golden age of architecture.</li> <li>• He built the Taj Mahal in memory of his wife Mumtaz Mahal.</li> </ul>
<p><b>Aurangzeb</b></p>	<ul style="list-style-type: none"> <li>• He was an accomplished Veena Player.</li> <li>• He executed the 9th Sikh Guru Tej Bahadur.</li> <li>• He adopted the name Alamgir.</li> <li>• He abolished the Persian Festival "Navroj".</li> </ul>
<p><b>Bahadur Shah</b></p>	<ul style="list-style-type: none"> <li>• He was the last ruler of the Mughal Empire.</li> <li>• He led Delhi in the 1857 revolt.</li> </ul>

30. Answer: d

**Explanation:**

The correct answer is Assam.

★ Key Points

- ' **Ankiya Nats** ' are one-act plays distinct to the culture of Assam.
- Ankiya Naats are a class of one act plays performed in **Assam, India**.
- The invention of the Ankiya Naat is usually attributed to the medieval saint and social reformer **Srimanta Sankardeva**.



★ Additional Information

- Assam is the meeting ground of **diverse cultures**.
- The people of the enchanting state of Assam are an intermixture of various racial stocks such as **Mongoloid, Indo-Burmese, Indo-Iranian and Aryan**.
- Assam is known for **Assam tea and Assam silk**.
- The state was the first site for **oil drilling in Asia**.
- Assam is home to the **one-horned Indian rhinoceros, along with the wild water buffalo, pygmy hog, tiger and various species of Asiatic birds**, and provides one of the last wild habitats for the **Asian elephant**.

31. Answer: b

## Explanation:

The correct answer is Rajasthan.

### ★ Key Points

- Nahargarh Fort located at **Rajasthan**.
- The Nahargarh Fort is proudly on a ridge of the Aravalli hills , which forms an impressive northern backdrop for the city of Jaipur.
- It was constructed during the reign of Jai Singh in 1734 and later expanded in 1868.
- Nahargarh, meaning the abode of tigers, was a formidable blocker protecting Jaipur against attacking enemies.
- Jaipur is the capital of Rajasthan is popularly known as the Pink City .

### ★ Additional Information

Prepp

Your Personal Exams Guide

<p><b>Chittorgarh Fort</b></p>	<ul style="list-style-type: none"> <li>• It is located in Chittorgarh, Rajasthan.</li> <li>• It was constructed by Chitrangad Mori of the Maurya dynasty.</li> <li>• Bappa Rawal, the founder of the Mewar Dynasty made Chittorgarh his capital.</li> <li>• It is one of the biggest forts in India.</li> <li>• It was declared a UNESCO World Heritage Site in 2013.</li> </ul>
<p><b>Kumbhalgarh Fort</b></p>	<p>It is located in Kumbhalgarh, Rajasthan.</p> <ul style="list-style-type: none"> <li>• This fort has the second-largest wall after the Great Wall of China.</li> <li>• It was built by Rana Kumbha in the 15th century.</li> <li>• It was declared a UNESCO World Heritage Site in 2013.</li> </ul>
<p><b>Ranthambore Fort</b></p>	<ul style="list-style-type: none"> <li>• This fort lies within the Ranthambore National Park, Jaipur, Rajasthan</li> <li>• It was declared as UNESCO World Heritage Site in 2013.</li> </ul>
<p><b>Jhalawar Fort /Gagron Fort</b></p>	<ul style="list-style-type: none"> <li>• It is located in the Jhalawar district, Rajasthan.</li> <li>• It was built by Maharaj Rana Madan Singh</li> <li>• It was declared as UNESCO World Heritage Site in 2013.</li> </ul>
<p><b>Jaipur Fort</b></p>	<ul style="list-style-type: none"> <li>• It is also known as Amer Fort</li> <li>• It is located in the Amer district, Rajasthan.</li> <li>• Its construction was started by Raja Man Singh.</li> <li>• It was declared as UNESCO World Heritage Site in 2013.</li> </ul>

32. Answer: c

Jaisalmer Fort

- It is located in Jaisalmer, Rajasthan.
- It was built by Rawal Jaisal in the 11th century.
- It was declared as UNESCO World Heritage Site in 2013.

**Explanation:**

The correct answer is acceleration.

★ Key Points

- The rate of change in the velocity of an object per unit time is referred as **acceleration**.
- When the velocity of a moving object changes either in magnitude or in direction or in both, then the body is said to be in acceleration.
- The rate of change in velocity is called acceleration.
- $\Rightarrow a = \frac{\Delta v}{\Delta t}$
- Where  $\Delta v$  = change in velocity/speed and  $\Delta t$  = time

★ Additional Information

- The **average speed** is the total distance traveled by the object in a particular time interval.
- **Average velocity** is a vector quantity. Average velocity is defined as the change in position or displacement ( $\Delta x$ ) divided by the time intervals ( $\Delta t$ ) in which the displacement occurs.
- **Motion** is the action or process of moving or of changing place or position; movement. power of movement, as of a living body.

33. Answer: d

**Explanation:**

The correct answer is It includes that the country should uphold a Presidential form of government.

### ★ Key Points

- The Constitution of a country provides for the **set of rules and powers** for the proper governance of the Country and distributes the powers and functions accordingly.
- It is the draft from where the government derives its **powers and responsibilities and people derive their rights and freedoms**.
- It agrees on **certain ideals the country should uphold**.
- Constitutions define the various institutions of government; prescribe their composition, powers and functions; and regulate relations between them.
- Almost all constitutions establish **legislative, executive and judicial branches of government**.

### ★ Additional Information

- There are a total of 25 parts in the Constitution of India in which common articles are grouped together.
- Originally the constitution contained **395 articles divided into 22 parts and 8 schedules**.
- At present, there are **448 articles in 25 parts, 12 schedules**.

34. Answer: c

### Explanation:

The correct answer is Dil Bechara.

### ★ Key Points

- Farah Khan won the Best Choreography award at the Filmfare Awards 2021 for the film **Dil Bechara**.
- The late actor Irrfan Khan was honored with the Lifetime Achievement Award at the 66th edition of the Filmfare Awards 2021 held in Mumbai.
- Irrfan Khan also won a posthumous award:
  - Best Actor – for his work in Angrezi Medium.

- Irrfan Khan died on April 29 in Mumbai at the age of 53 last year after a long battle with cancer.
- Taapsee Pannu won the Best Actress Award for Thappad, which also bagged the Best Film, Best Story, and Best Editing trophies .
- Amitabh Bachchan won the Best Actor (Critics) award for his performance in Gulabo Sitabo.
- Saif Ali Khan picked the Best Actor In A Supporting Role award for his work in Tanhaji: The Unsung Warrior
- Kajol's Devi won the Best Short Film (Popular Choice) award.

### ★ Additional Information

- 67th Filmfare Awards 2022
  - Best Film: Shershaah (Dharma Productions)
  - Best Director: Vishnuvardhan (Shershaah)
  - Best Actor: Ranveer Singh (83) as Kapil Dev
  - Best Actress: Kriti Sanon, Mimi as Mimi Rathore
  - Best Supporting Actor: Pankaj Tripathi (Mimi)
  - Best Supporting Actress: Sai Tamhankar (Mimi)

## 35. Answer: c

### Explanation:

The correct answer is Nij.

### ★ Key Points

- **Nij** was a system of indigo cultivation in British India.
- There were two main systems of indigo cultivation – **nij and ryoti**.
- Within the system of **nij cultivation** , the planter produced indigo in lands that he directly controlled.
- He either bought the land or rented it from other **zamindars and produced indigo by directly employing hired labourers**.

### ★ Additional Information

- Indigo **could be cultivated on bonded land** , which were already densely populated.
- Only small plots scattered over the landscape could be acquired.
- Planters needed large areas in compact blocks to cultivating indigo in plantations.
- They attempted to lease in the land around the indigo factory , and evict the peasants from the area.
- Those living around the indigo factory faced eviction from their land and it always led to conflicts and tension.

---

**36. Answer: b**

**Explanation:**

The correct answer is He Bing Jiao.

★ **Key Points**

- Indian star shuttler PV Sindhu has secured a bronze medal at the Tokyo Olympics, defeating China's He Bing Jiao in Women's Singles.
- PV Sindhu also created history by becoming the first Indian woman to win two consecutive individual Olympic medals.
- She had won silver at Rio Olympics in 2016.

★ **Additional Information**

- List of winners in Olympics 2020 from India :
  - Neeraj Chopra: Javelin Throw (Gold)
  - Mirabai Chanu: Weightlifting (Silver)
  - PV Sindhu: Badminton (Bronze)
  - Lovlina Borgohain: Boxing (Bronze)
  - Men's Hockey Team (Bronze)
  - Ravi Dahiya: Wrestling (Silver)
  - Bajrang Punia: Wrestling (Bronze)



37. Answer: a

**Explanation:**

The correct answer is Sri Lanka.

★ Key Points

- The Mahaweli Ganga River is a 335 km long river, ranking as the longest river in Sri Lanka.
- It has a drainage basin of 10,448 km<sup>2</sup>, the largest in the country, which covers almost one-fifth of the total area of the island.
- It rises on the Hatton Plateau on the western side of the island's hill country, flows north through the tea and rubber-growing region, and turns east near Kandy; it then turns north across the lowlands and receives its principal tributary.

★ Additional Information

- Irrawaddy is the longest river in Myanmar.
- Indus is the longest river in Pakistan.
- The Yangtze is the longest river in Asia.
- The Godavari is the longest river in Peninsular India.
- The longest river in the world is the Nile.

38. Answer: b

**Explanation:**

The correct answer is presiding deity.

★ Key Points

- In September 2021, a two-judge bench of the Supreme Court ruled that the **presiding deity** of the temple is/are the owner/s of the land attached to it.

- Top court upholds circulars issued under the **Madhya Pradesh Land Revenue Code, 1959**.
- A 2-judge bench of the Supreme Court has ruled that the **presiding deity of a temple is the owner of the land attached to the temple**, while priests are only required to perform rituals and maintain the properties of the deity.

★ Additional Information

- The seat of the Supreme Court (Article 130): The Constitution declares Delhi as the seat of the Supreme Court.
- It also authorizes the CJI to appoint other places or places as seats of the Supreme Court.
- He can decide in this regard only with the approval of the President.
- This provision is only optional and not compulsory. This means that no court can give any direction either to the President or to the Chief Justice to appoint any other place as the seat of the Supreme Court.

---

39. Answer: d

**Explanation:**

The correct answer is botany.

★ Key Points

- The scientific study of different aspects of plants is called **botany**.
- Botany is the scientific study of plants:
  - how plants function,
  - what they look like,
  - how they are related to each other,
  - where they grow,
  - how people make use of plants, and
  - how plants evolved.

★ Additional Information

Study of Soil	Pedology
Study of Grasses	Agrostology
Study of food	Bromatology
Study of Cells	Cytology
Study of Skin	Dermatology
Study of Insects	Entomology
Study of Blood	Haematology
Study of nerves	Neurology
Study of eggs	Oology
Study of mental illness or disorders	Psychopathology

Study of waves or wave motions	Kymatology
Study of rocks	Lithology
Study of earthquakes	Seismology
Study of Poisons	Toxicology
Study of Viruses	Virology
Study of fermentation	Zymology
Study of plant nutrition and growth in relation to soil	Agrobiology
Study of Bacteria	Bacteriology
Study of heart	Cardiology
Study of the age of trees and the records in their rings	Dendrochronology

40. Answer: a

## Explanation:

The correct answer is Nita Ambani.

### ★ Key Points

- Nita Ambani, Chairperson of the Reliance Foundation, was elected as an individual member of the International Olympic Committee (IOC) .
  - She is the first Indian to join the international body and is still the only individual member of India.
  - Her election to the body of the universe is before she hits the age of 70.
  - She was nominated by the IOC Executive Board in June 2016 and voted by the IOC Delegates at the 129th Session in Rio de Janeiro .
  - The autonomous screening process follows a revised protocol for the appointment of IOC members based on the recommendations of the Olympic Agenda 2020.
  - Individuals are selected on merit and elected by current IOC members.

### ★ Additional Information

- Founded on 23 June 1894 , the International Olympic Committee is a non-profit independent international organization.
- Based in Lausanne, Switzerland, Olympic Capital is entirely privately funded and distributes 90 percent of its revenues to the wider sporting movement for the development of sports and athletes at all levels.
- The International Olympic Committee is the patron of the Olympic Games and the leader of the Olympic Movement.

---

## 41. Answer: c

### Explanation:

The correct answer is courtyard.

### ★ Key Points

- Indus Valley Civilisation generally had rooms built around a **courtyard**.
- Indus Valley Civilisation, also known as **Harappan Civilisation** or Bronze Age civilization, is one of the oldest civilizations in the world.
- The nuclear dates of the civilization appear to be about 2500–1750 BC.
- 'Harappa' was the first Indus site to be discovered in 1921 by Dayaram Sahni.
- Metals such as copper, lead, gold, bronze, and silver were used by the metallurgists of the Indus Valley.
- Several crucibles of copper slag are discovered here, which marks the beginning of metallurgy.
- Indus Valley Civilisation also got the credit for the development of various alloys in the South-Asian countries.
- They used to make alloys such as bronze, tin, and arsenic bronze by smelting copper with other metals.
- Bronze was extensively used in making sculptures.

★ Additional Information

Name of the major cities are given below:

**Mohenjodaro (Sind)** – It is located on the right bank of the Indus.

**Kalibangan (Rajasthan)** – It was on the banks of the river Ghaggar river.

**Chanhudaro** – It lies on the left bank of the Indus in the south of Mohenjodaro.

**Lothal (Gujarat)** – It is located at the head of the Gulf of Cambay.

**Surkotada (Gujarat)** – It is at the head of the Rann of Kutch.

**Banawali (Haryana)** – It was situated on the banks of the now-extinct Sarasvati.

**Dholavira (Gujarat)** – It excavated is in the Kutch district.

---

42. Answer: b

**Explanation:**

The correct answer is It is a price lower than the market price.

★ Key Points

- The **issue price** is the price at which shares are offered for sale when they first become available to the public.
  - It is a price lower than the market price.
- When the issuer at the outset decides the issue price and mentions it in the offer document, it is in the offer document, it is commonly known as a “ Fixed price issue ”
- When the price of an issue is discovered on the basis of demand raised from prospective investors at various investors at various price levels, it is called a ‘ Book built issue ’

★ **Additional Information**

- An initial public offering (IPO) refers to the process of offering shares of a private corporation to the public in a new stock issuance.
- Fixed Price Issues and Book Built Issues are two major types of IPO.
- All types of investors are required to bring in 100% of the application money as a margin along with the application for securities in Public Issues.
- This has been done to avoid inflated demand in Public Issues and to provide a level playing field to all investors subscribing to securities.

---

43. Answer: d

**Explanation:**

The correct answer is Germany.

★ **Key Points**

- **India defeated Germany** to win the men's hockey bronze medal at the Olympic Games held in Tokyo in 2021.
- Indian hockey team Captian (Male) - Manpreet Singh
- Indian Hockey team Captain (Female) - Rani Rampal
- India won three bronze medals at the Summer Olympic Games in 1972, 1968, and 2020(Tokyo).
- India's team won eight gold medals in 1928, 1932, 1936, 1948, 1952, 1956, 1964, and 1980.

- India won one silver medal in the Rome Olympics in the year 1960 and Pakistan won the Gold medal that year.

★ Additional Information

Year	Medal	Host
1928	Gold	Amsterdam, Netherlands
1932	Gold	Los Angeles, US
1936	Gold	Berlin, Germany
1948	Gold	London, Great Britain
1952	Gold	Helsinki, Finland
1956	Gold	Melbourne, Australia
1960	Silver	Rome, Italy
1964	Gold	Tokyo, Japan
1968	Bronze	Mexico City, Mexico
1972	Bronze	Munich, West Germany
1980	Gold	Moscow, Soviet Union
2020	Bronze	Tokyo, Japan

44. Answer: b

**Explanation:**

The correct answer is Demography.

★ Key Points

- Demography is the statistical study of human populations .
- It includes the study of the size, age, gender, occupation, structure, and distributions of different populations.
- Demographic information is used in marketing, governmental research, and surveys and sampling to collect information about people's age, gender, education, income, or body phenotype.
- It also includes the analysis of the relationships between economic, social, cultural, and biological processes influencing a population.

### ★ Additional Information

- The study of Algae is known as Phycology.
  - It is also referred to as algology in some spheres, phycology is the study of algae; members of the plant kingdom.
- **Pomology** is the branch of horticulture that is concerned with the study and cultivation of Fruits.
- The study of human beauty is called **Kalology** .
  - Kalology is the study of beauty and the ways in which **beauty influences society**.

---

45. Answer: d

Explanation:

The correct answer is 68.

### ★ Key Points

- According to 'ADB (Asian Development Bank) Annual Report 2018' **68 countries are the members of ADB**.
- ADB (Asian Development Bank) is an international development finance institution whose mission is to help its developing member countries reduce poverty and improve the quality of life of their people.
- Headquartered in Manila, and established in 1966, ADB is owned and financed by its 68 members, of which 49 are from the region and 19 are from other parts of the globe.



- ADB's main partners are governments, the private sector, non-government organizations, development agencies, community-based organizations, and foundations.
- Under Strategy 2020 , a long-term strategic framework adopted in 2008 , ADB will follow three complementary strategic agendas: inclusive growth, environmentally sustainable growth, and regional integration.
- Although most lending is in the public sector - and to governments - **ADB** also provides direct assistance to private enterprises of developing countries through equity investments , guarantees , and loans .

★ Additional Information

Prepp

Your Personal Exams Guide

International Organisation	Headquarters
<ul style="list-style-type: none"> <li>• United Nations Organisation (UNO)</li> <li>• United Nations Children's Emergency Fund (UNICEF)</li> <li>• United Nations Population Fund (UNFPA)</li> <li>• United Nations Security Council (UNSC)</li> </ul>	New York, USA
<ul style="list-style-type: none"> <li>• International Monetary Fund (IMF)</li> <li>• World Bank (WB)</li> </ul>	Washington DC, USA
<ul style="list-style-type: none"> <li>• World Food Programme (WFP)</li> <li>• Food and Agricultural Organisation (FAO)</li> </ul>	Rome, Italy
<ul style="list-style-type: none"> <li>• United Nations Habitat (UNH)</li> </ul>	Nairobi, Kenya
<ul style="list-style-type: none"> <li>• United Nations Conference on Trade and Development (UNCTAD)</li> <li>• World Health Organisation (WHO)</li> <li>• International Labour Organisation (ILO)</li> <li>• International Committee of the Red Cross</li> <li>• World Trade Organisation (WTO)</li> <li>• World Meteorological Organisation (WMO)</li> <li>• World Intellectual Property Organisation (WIPO)</li> <li>• International Organisation for Standardization</li> <li>• United Nations Acquired Immuno Deficiency Syndrome (UNAIDS)</li> </ul>	Geneva, Switzerland
<ul style="list-style-type: none"> <li>• International Court of Justice (ICJ)</li> </ul>	The Hague, Netherlands

<ul style="list-style-type: none"> <li>• Organization for the Prohibition of Chemical Weapons</li> </ul>	
<ul style="list-style-type: none"> <li>• United Nations University (UNU)</li> </ul>	Tokyo, Japan
<ul style="list-style-type: none"> <li>• United Nations Educational Scientific and Cultural Organisation (UNESCO)</li> <li>• Organization for Economic Cooperation and Development (OECD)</li> <li>• International Council on Monuments and Sites (ICOMOS)</li> </ul>	Paris, France
<ul style="list-style-type: none"> <li>• United Nations Industrial Development Organisation (UNIDO)</li> <li>• International Atomic Energy Agency (IAEA)</li> <li>• Organization of Petroleum Exporting Countries (OPEC)</li> </ul>	Vienna, Austria
<ul style="list-style-type: none"> <li>• International Maritime Organisation (IMO)</li> <li>• Commonwealth of Nations</li> <li>• Amnesty International</li> </ul>	London, United Kingdom

46. Answer: a

**Explanation:**

The correct answer is The League did not support the partition of Bengal.

★ Key Points

- All India Muslim League
  - After the creation of the Indian National Congress and its time as a 'representative' party for the people of the Indian sub-continent, there was felt a need to reassess its claims of unbiased representation.

- The communal idea was sown into the Indian political ethos that Muslims are a separate nation first by philosopher and Muslim reformist Sir Syed Ahmed Khan.
- All India Muslim League was formed in Dhaka in 1906.
  - *Hence Statement 2 is correct.*
- It was formed by a group of **Muslim landlords and nawabs.**
- The founders of the Muslim League were: Vikar-ul-Mulk, Khwaja Salimullah, Syed Amir Ali, Syed Nabiullah, Khan Bahadur Ghulam and Mustafa Chowdhury.
  - *Hence Statement 4 is correct.*
- He suggested Muslims to get aligning with the British rather than rebel against them.
- The AIML was the first Muslim political party in India.
- The league supported the partition of Bengal.
  - *Hence Statement 1 is incorrect.*
- It desired a separate electorate for Muslims
  - *Hence Statement 3 is correct.*

★ **Additional Information**

- The following are the reasons for the establishment of the Muslim League
  - Indifferent attitude of Congress toward Muslims
  - Educational and Economic Backwardness
  - Urdu-Hindi Controversy
  - The Evolution of Minto Marley Reforms
  - The Success of Simla Deputation
  - To Save Muslim Entity

---

47. **Answer: d**

**Explanation:**

The correct answer is 2030.

★ **Key Points**

- Union Budget 2020–21 envisages creating a ‘future-ready’ railway system by the year 2030.
- During the **Union budget, 2021– 2022** the Finance Minister announces that Indian Railways have prepared a **national rail plan for India 2030**.
- The plan is to create a ‘future-ready’ railway system by 2030.
- The main aim of the national rail plan is to bring down the logistics cost:
- It is expected that Western Dedicated Freight Corridor (DFC) and Eastern DFC will be commissioned by **June 2022**.
- It also announces the 100% electrification of broad gauge rail tracks by **December 2023**.

### ★ Additional Information

- The Passenger convenience and safety measures proposed in the union budget 2021– 2022 are :
  - Introduction of aesthetically designed Vista Dome LHB coach on tourist routes.
  - Introduction of an indigenously developed automatic train protection system that eliminates train collision due to human error.
  - The budget also provided a record sum of Rs. 1,10,055 crore for Railways of which **Rs. 1,07,100 crore is for capital expenditure**.

48. Answer: c

### Explanation:

The correct answer is The Padma is a prominent river of the region.

### ★ Key Points

- The Great Indian Desert is called the Thar Desert.
  - *Hence statement 1 is correct.*
- It is one of the hot deserts of the world and **largest in India**.
  - *Hence statement 4 is correct.*
- Many National Parks and Wildlife Sanctuaries are located in this area.
- The vegetation cover is low, with thorny bushes.

- Hence statement 2 is correct.
- **The Luni is the largest river** in the Thar Desert of northwest India.
  - Hence statement 3 is incorrect.

★ Important Points

- **Great Indian Thar Desert:**
  - It is the world's 17th-largest desert and the world's 9th-largest subtropical desert.
  - **About 85%** of the Thar Desert is located in India, with the remaining 15% in Pakistan.
  - **More than 60%** of the desert lies in the Indian state of Rajasthan, and it extends into the states of Gujarat, Punjab, Haryana, and the Pakistani province of Sindh.

49. Answer: b

**Explanation:**

The correct answer is CSIR.

★ Key Points

- **CSIR institutes topped the National Ranking Index 2020.**
- The CSIR of Delhi topped the National Ranking Index 2020 which ranks scientific research institutes.
- CSIR was followed by IISc Bangalore.
- The **first rank holder CSIR** had a share percentage of **87.74 and 142 counts**.
- Followed by **CSIR, IISc Bangalore** had a share percentage of **83.61 and 211 counts**.
- The third rank was won by the **Tata Institute of Fundamental Research (TIFR)** with a share percentage of **62.18 and 232 counts**.

★ Additional Information

- Council of Scientific & Industrial Research

- It was established by the Government of India in September 1942 as an autonomous body.
    - It comes under the Ministry of Science & Technology.
- 

50. Answer: b

**Explanation:**

The correct answer is Akkitham Achuthan Namboothiri.

★ Key Points

- Akkitham Achuthan Namboothiri won the Jnanpith Award in 2019.
- He is a renowned Malayalam poet.
- He is also the 6th Malayalam Poet to receive the Jnanpith award.
- The Jnanpith Award is the Highest Literary award in India.
- It is awarded to an author to acknowledge his/her excellence in Literature.
- The awardee gets a **b**
- Akkitham has authored 55 books till now.
- Amitav Ghosh won the 54th Jnanpith Award .

★ Additional Information

- The award is given by one of the premier literary organizations of India - Bharatiya Jnanpith.
  - Jnanpith Award has achieved the recognition of the highest literary award in the country.
  - It has been conferred to literary geniuses of various Indian languages, who have brought many laurels to our nation through their creations.
  - Bharatiya Jnanpith has also instituted another award namely the Moortidevi Award.
- 

51. Answer: d

**Explanation:**

**Given:**

Sum = Rs. 8000

Rate of interest = 10% p.a = 5% half-yearly

Amount = Rs. 9261

**Formula used:**

$$A = P \times [1 + (R/100)]^t$$

**Calculation:**

$$\Rightarrow 9261 = 8000 \times [1 + (5/100)]^t$$

$$\Rightarrow 9261/8000 = (21/20)^t$$

$$\Rightarrow (21/20)^3 = (21/20)^t$$

$$\Rightarrow t = 3 \text{ half-year}$$

$\therefore$  Time is  $1\frac{1}{2}$  years.

Your Personal Exams Guide

**52. Answer: c**

**Explanation:**

**Given:**

The Average of 25 observations is 50.

**Solution:**

Sum of 25 Observations =  $25 \times 50$

$$\Rightarrow 1250$$



Sum of first 13 observation =  $13 \times 40$

$\Rightarrow 520$

Sum of last 13 Observation =  $13 \times 58$

$\Rightarrow 754$

Sum of 26 Observations (First 13 + Last 13) =  $520 + 754$

$\Rightarrow 1274$

$\Rightarrow 13^{\text{th}}$  Observation = Sum of 26 Observation - Sum of 25 Observation.

$\Rightarrow 1274 - 1250 = 24$

$\therefore 13^{\text{th}}$  Observation = 24

---

53. Answer: d

Explanation:

Given:

Marked price of a saree is 1800

Successive Discounts 10 % and 20 %

Formula used:

Selling price = Marked price  $\times (100 - D_1) / 100 \times (100 - D_2) / 100$

Calculation:

Selling price =  $1800 \times (90 / 100) \times (80 / 100)$

$\Rightarrow 18 \times 9 \times 8 = 1296$

Selling price of the saree is 1296

54. Answer: a

**Explanation:**

**Given:**

$$P/Q = 2/3 \text{ (33.33\% = } 1/3)$$

**Formula used:**

$$\text{Percentage less/more} = (A - B)/B \times 100$$

**Calculation:**

$$\text{Percentage by which Q earns more than P} = (3 - 2)/2 \times 100$$

$$\Rightarrow 50\%$$

$\therefore$  Thus Q earn **50%** more than P.

---

55. Answer: a

**Explanation:**

**Given:**

$$\text{Speed while going North} = 14 \text{ km/h}$$

$$\text{Speed while going South} = 24 \text{ km/h}$$

$$\text{Distance apart} = 47.5 \text{ km}$$

**Concept used:**

If two objects are in same direction then

$$\text{Relative speed} = S_2 - S_1$$

If two objects are in opposite direction then

$$\text{Relative speed} = S_2 + S_1$$

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

**Calculation:**

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

Here according to question relative speed will be considered.

$$\text{Time} = 47.5/38$$

$$\Rightarrow 1.25 \text{ h}$$

$\therefore$  The correct answer is **1.25 h or  $1 \frac{1}{4}$  h.**

---

**56. Answer: a**

**Explanation:**

**Given:**

$$\text{Amount} = \text{Rs.}9982.50$$

Time = 3 years (because interest compounded 8 monthly)

$$\text{Rate} = 15\% \text{ per annum}$$

**Calculation:**

$$\text{Rate} = 15\% \text{ per annum}$$

According to question interest is compounded 8-monthly

$$\therefore \text{Rate} = 10\% \text{ (every 8 month)}$$

Now by applying successive method,

$$\begin{array}{r} \Rightarrow 10 \quad 11 \\ 10 \quad 11 \\ 10 \quad 11 \\ \Rightarrow 1000 \quad 1331 \\ \text{(Principal)} \quad \text{(Amount)} \end{array}$$

$$\Rightarrow 1331 = 9982.50$$

$$\Rightarrow 1 = 7.5$$

$$\text{Principal} = 1000 \times 7.5 = 7500$$

Now,

It is given that time and rate of interest are same

And interest is compounded annually

$$\therefore \text{Rate} = 15\%$$

$$\text{Time} = 2 \text{ years}$$

By applying successive method,

$$\begin{array}{r} \Rightarrow 20 \quad 23 \\ 20 \quad 23 \\ \Rightarrow 400 \quad 529 \end{array}$$

Your Personal Exams Guide

$$\Rightarrow 400 = 7500$$

$$\Rightarrow 1 = 18.75$$

$$\text{Amount} = 529 \times 18.75$$

$$\Rightarrow \text{Rs.}9918.75$$

$\therefore$  The correct answer is **Rs.9919** (Approx).

57. Answer: d

**Explanation:**

**Given:**

$$6\frac{1}{4} \div [4\frac{7}{8} + \frac{3}{4} \times (9\frac{1}{2} - 7\frac{2}{3})]$$

**Concept:**

Follow the BODMAS rule according to the table given below:

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

**Calculation:**

$$6\frac{1}{4} \div [4\frac{7}{8} + \frac{3}{4} \times (9\frac{1}{2} - 7\frac{2}{3})]$$

$$\Rightarrow \frac{25}{4} \div [\frac{39}{8} + \frac{3}{4} \times (\frac{19}{2} - \frac{23}{3})]$$

$$\Rightarrow \frac{25}{4} \div [\frac{39}{8} + \frac{3}{4} \times (\frac{57-46}{6})]$$

$$\Rightarrow \frac{25}{4} \div [\frac{39}{8} + \frac{3}{4} \times \frac{11}{6}]$$

$$\Rightarrow \frac{25}{4} \div [\frac{39}{8} + \frac{11}{8}]$$

$$\Rightarrow \frac{25}{4} \div \frac{50}{8} = \frac{25}{4} \times \frac{8}{50} = 1$$

∴ The correct answer is 1.

58. Answer: c

### Explanation:

Given:

Income ratio of A and B =  $5x : 8x$

Savings ratio of A and B =  $3 : 4$

Spend (Expenditure) of A and B = 36000 and 60000 respectively,

Formula used:

Income - Expenditure = Saving.

Calculation:

$$\Rightarrow (5x - 36000) / (8x - 60000) = 3 : 4$$

$$\Rightarrow 4 \times (5x - 36000) = 3 \times (8x - 60000)$$

$$\Rightarrow 20x - 144000 = 24x - 180000$$

$$\Rightarrow 4x = 36000$$

$$\Rightarrow x = 9000$$

$$\text{Savings of B} = (8x - 60000)$$

$$\Rightarrow 8 \times 9000 - 60000 = 12000$$

$$\therefore \text{Savings of B} = 12000$$

---

### 59. Answer: c

### Explanation:

Given:

Train covers a distance in 12 hr at a speed of 75 km/h

**Formula used:**

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

**Calculation:**

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

$$\Rightarrow 75 = \text{Distance}/12$$

$$\Rightarrow \text{Distance} = 900 \text{ km}$$

If its speed decreases by 3 hr

$$\text{then speed} = 12 - 3 = 9 \text{ km/h}$$

Now, Speed = Distance/Time

$$\Rightarrow \text{Speed} = 900/9 = 100 \text{ km/h}$$

So, the speed is 100 km/h

---

**60. Answer: a**

**Explanation:**

**Given:**

Average age of husband, wife, child (5 years ago) = 24 years

Average age of wife and child (6 years ago) = 18 years

**Formula used:**

Average = Sum of all terms/No of terms

**Calculation:**

$$\Rightarrow (\text{Husband} - 5 + \text{Wife} - 5 + \text{Child} - 5)/3 = 24$$

$$\Rightarrow \text{Husband} + \text{Wife} + \text{Child} = 87 \text{ (Present)} \text{ -----(1)}$$

$$\Rightarrow (\text{Wife} - 6 + \text{Child} - 6)/2 = 18$$

$$\Rightarrow \text{Wife} + \text{Child} = 48 \text{ (Present)} \text{ -----(2)}$$

By subtracting equation (2) from (1) we get,

$$\Rightarrow \text{Husband} = 39$$

$\therefore$  The correct answer is **39** years.

**61. Answer: d**

**Explanation:**

Calculation:

Let x be the number

According to the question,

$$\Rightarrow 40\% \text{ of } x + 165 = x$$

$$\Rightarrow 40x/100 + 165 = x$$

$$\Rightarrow 2x/5 + 165 = x$$

$$\Rightarrow x - 2x/5 = 165$$

$$\Rightarrow 3x/5 = 165$$

$$\Rightarrow x = 275$$

$\therefore$  The correct answer is 275.

★ Shortcut Trick

Calculation:



165 is added to 40% of a number then it becomes number itself

⇒ 60% of the number = 165

⇒ 10% of the number = 27.5

⇒ 100% of the number = 275

Hence the required number is 275.

62. Answer: d

Explanation:

Given:

$$72 \div 180 \times 5 - [96 \text{ of } 64 \times 5 - 25 \div 16 \times (23 - 29) - 11] \div 7 \frac{5}{6}$$

Concept used:

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

Calculation:

$$\Rightarrow 72 \div 180 \times 5 + [96 \div 64 \times 5 - 25 \div 16 \times (23 - 29) - 11] \div 7 \frac{5}{6}$$

$$\Rightarrow 72/180 \times 5 + [96/64 \times 5 - 25 \div 16 \times (23 - 29) - 11] \div 7 \frac{5}{6}$$

$$\Rightarrow 2 + [3/2 \times 5 - 25/16 \times (-6) - 11] \div 47/6$$

$$\Rightarrow 2 + [15/2 - (25/8 \times -3) - 11] \div 47/6$$

$$\Rightarrow 2 + (15/2 + 75/8 - 11) \div 47/6$$

$$\Rightarrow 2 + (60 + 75 - 88)/8 \div 47/6$$

$$\Rightarrow 2 + 47/8 \div 47/6$$

$$\Rightarrow 2 + 47/8 \times 6/47$$

$$\Rightarrow 2 + 3/4$$

$$\Rightarrow 2\frac{3}{4}$$

63. Answer: b

**Explanation:**

Given:-

Discount = 28%

Gain% = 20%

Gain = 10.50

**Formula used:-**

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

$$SP = MP (1 - D/100)$$

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

**Calculation:-**

Let MP be 100x

$$\text{So, } SP = 100x \times (1 - 28/100)$$

$$SP = 100x \times 0.72$$

$$SP = 72x$$

Now the gain is 20%

$$\therefore CP = (SP \times 100) / (\text{Profit} + 100)$$

$$CP = (72x \times 100) / 120$$

$$CP = 60x$$

Now gain is 10.50

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

$$\Rightarrow 72x - 60x = 10.50$$

$$\Rightarrow 12x = 10.50$$

$$\Rightarrow x = 0.875$$

$$\therefore MP = 100 \times 0.875$$

$$MP = 87.5$$

$\therefore$  Market price of article is 87.5

**64. Answer: b**

**Explanation:**

**Given:**

The LCM of four distinct numbers is 270.

The HCF of each pair is 9.

**Concept:**

LCM = Products of four numbers  $\times$  HCF

**Calculation:**

Let the four numbers be  $a, b, c,$  and  $d.$

The HCF of each pair is 9.

Then, the four numbers are  $9a, 9b, 9c,$  and  $9d.$

LCM = Products of four numbers  $\times$  HCF

$$\Rightarrow 270 = abcd \times 9$$

$$\Rightarrow abcd = \frac{270}{9} = 30$$

Products of the number =  $9a \times 9b \times 9c \times 9d$

$$\Rightarrow 9^4 \times abcd$$

$$\Rightarrow 6561 \times 30 = 196830$$

$\therefore$  The product of the four numbers is 196830.

65. **Answer: c**

**Explanation:**

**Given:**

The first SP of the article = Rs. 460

Loss = 8%

The second SP = Rs. 590

**Formula used:**

$$CP = SP \times 100 / (100 - L\%)$$

$$P\% = P \times 100/CP$$

Calculation:

$$\Rightarrow CP = 460 \times 100/(100 - 8)$$

$$\Rightarrow 460 \times 100/92 = 460 \times 50/46 = 500$$

$$\Rightarrow CP = \text{Rs. } 500$$

When SP = Rs. 590

$$\Rightarrow \text{Profit} = 590 - 500 = 90$$

$$\Rightarrow \text{Profit \%} = 90 \times 100/500 = 18$$

Hence profit will be 18%.

★ Shortcut Trick

When loss is 8% SP is Rs. 460

$$\Rightarrow 460 = 92\%$$

$$\Rightarrow 1 = 1/5$$

$$\Rightarrow 590 = (1/5)590 = 118$$

$\Rightarrow$  SP is 118% of CP

$\therefore$  Profit is 18%

---

66. Answer: a

Explanation:

Given:

A complete a work in  $22 \frac{1}{2}$  days

B complete a work in 30 days

They worked together but after 6 days B had to leave

**Calculation:**

Amount of work done by A in a single day =  $\frac{2}{45}$

Amount of work done by B in a single day =  $\frac{1}{30}$

Amount of work done by A and B in a single day =  $\frac{2}{45} + \frac{1}{30} = \frac{7}{90}$

Amount of work done by A and B in 6 days =  $\frac{7}{90} \times 6 = \frac{7}{15}$

B had to leave the work after 6 days then, Remaining work =  $1 - \frac{7}{15} = \frac{8}{15}$

Let C complete the work in x days

Amount of work done by C in a single day =  $\frac{1}{x}$

Amount of work done by A and C in a single day =  $\frac{2}{45} + \frac{1}{x}$

Remaining work done by A and C in 3 days =  $(\frac{2}{45} + \frac{1}{x})3 = \frac{8}{15}$

$$\Rightarrow \frac{2}{45} + \frac{1}{x} = \frac{8}{45}$$

$$\Rightarrow \frac{1}{x} = \frac{8}{45} - \frac{2}{45}$$

$$\Rightarrow \frac{1}{x} = \frac{6}{45}$$

$$\Rightarrow x = \frac{45}{6} = 7 \frac{1}{2}$$

$\therefore$  C alone can complete the work in  $7 \frac{1}{2}$  days.

67. Answer: b

**Explanation:**

Given:

$SP_2 = 9/11$  of the actual SP

Loss = 10%

**Formula used:**

$$CP = SP \times 100 / (100 - L\%)$$

$$P\% = P \times 100 / CP$$

**Calculation:**

Let the actual SP be  $11x$

$$\Rightarrow SP_2 = 9x$$

Now loss is 10%

$$\Rightarrow CP = 9x \times 100 / (100 - 10)$$

$$\Rightarrow CP = 9x \times 100 / 90 = 10x$$

$$\Rightarrow CP = 10x$$

Let  $SP_3$  be 95% of the actual SP

$$\Rightarrow SP_3 = 95\% \text{ of } 11x = 10.45x$$

$$\text{Now profit} = 10.45x - 10x = 0.45x$$

$$\Rightarrow \text{Profit\%} = 0.45x \times 100 / 10x = 4.5$$

**Hence, the required profit is 4.5%.**

---

**68. Answer: a**

**Explanation:**

Given:

$$\frac{4}{25}, \frac{8}{35} \text{ and } \frac{22}{40}$$

**Formula used:**

$$\text{H.C.F of fractions} = (\text{H.C.F of numerator}) / (\text{L.C.M of denominator})$$

**Calculation:**

$$\frac{4}{25}, \frac{8}{35} \text{ and } \frac{11}{40}$$

$$\text{Factors of } 25 = 5 \times 5$$

$$\text{Factors of } 35 = 5 \times 7$$

$$\text{Factors of } 40 = 2 \times 2 \times 2 \times 5$$

$$\text{L.C.M of denominator} = 5 \times 5 \times 2^3 \times 7 = 700$$

$$\text{Factors of } 4 = 1 \times 2 \times 2$$

$$\text{Factors of } 8 = 1 \times 2 \times 2 \times 2$$

$$\text{Factors of } 22 = 2 \times 11$$

$$\text{H.C.F of numerator} = 2$$

$$\text{H.C.F of fractions} = \frac{2}{1400}$$

$$\therefore \text{The H.C.F of fractions is } \frac{1}{700} .$$

**69. Answer: d**

**Explanation:**

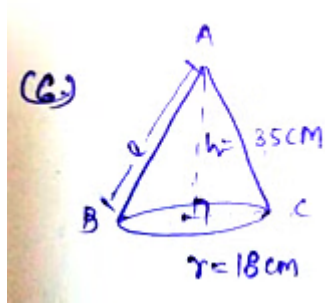
Given:

$$\text{Radius of cone} = 18 \text{ cm}$$

$$\text{Height of cone} = 35 \text{ cm}$$



Formula used:



$$\text{Volume of cone} = \frac{1}{3} \pi r^2 h$$

Calculation:

$$\text{Volume of cone} = \frac{1}{3} \pi r^2 h$$

$$\Rightarrow \text{Volume} = \frac{1}{3} \times \frac{22}{7} \times 18^2 \times 35$$

$$\Rightarrow \text{Volume} = 11880 \text{ cm}^3$$

So, the volume of the cone is  $11880 \text{ cm}^3$

70. Answer: d

Explanation:

Given:

Lavanya purchased an electric cooker at ninth-tenths of its selling price

Formula used:

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

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

Calculation:

According to question

$$CP = 9/10 \times SP$$

Let CP and SP is  $9x$  and  $10x$

If it sold at 5% more than, then new SP

$$SP = 10x + 10x \times 5/100$$

$$\Rightarrow SP = 21x/2$$

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

$$\Rightarrow \text{Profit} = 21x/2 - 9x$$

$$\Rightarrow \text{Profit} = 3x/2$$

$$\text{Now, Profit \%} = P \times 100/CP$$

$$\Rightarrow \text{Profit \%} = \frac{3x}{2 \times 9x} \times 100$$

$$\Rightarrow \text{Profit \%} = 16\frac{2}{3}$$

So, her gain percentage is  $16\frac{2}{3}\%$

71. Answer: a

Explanation:

Given:

Two men X and Y working together, completed a job in 6 days.

If X had worked thrice as efficiently and Y had worked one-fourth as efficiently

The work would have been completed in 4 days.

Concept used:

Total Work = Time  $\times$  Efficiency

Calculation:

According to Question

$$X + Y = 1/6 \text{ ----- (1)}$$

$$3X + Y/4 = 1/4 \text{ -----(2)}$$

Solving two equations we get

$$Y = 1/11, X = 5/66$$

So X alone finish the work in  $66/5$  days.

$\therefore$  The Required Answer is  $12\frac{6}{5}$  days.

---

72. Answer: c

Explanation:

Given:

Proportions are 4, 8 and 15.

Formula used:

$$a : b :: c : d$$

$$\text{Fourth Proportion} = b \times c/a$$

Calculation:

$$\Rightarrow 4 : 8 :: 15 : d$$

$$\Rightarrow d = 15 \times 8/4$$

$$\Rightarrow d = 30$$

$\therefore$  The fourth proportional is 30.

**73. Answer: c**

**Explanation:**

**Given:**

Principal = Rs. 8400

Time Period = 3 years

Compound Interest = Rs. 6115.20

**Formula used:**

$$\text{Compound Interest} = P \times [1 + (R/100)]^n - P$$

$$\text{Simple Interest} = [P \times R \times T]/100$$

Where P = Principal, R = Rate of interest, n = Time in years

**Calculation:**

According to the Question,

$$\text{Compound Interest} = P \times [1 + (R/100)]^n - P$$

$$\Rightarrow 6115.20 = 8400 \times (1 + R/100)^3 - 8400$$

$$\Rightarrow 6115.20 + 8400 = 8400 \left[ \frac{(100 + R)}{100} \right]^3$$

$$\Rightarrow 14515.20/8400 = \left[ \frac{(100 + R)}{100} \right]^3$$

$$\Rightarrow 1728/1000 = \left[ \frac{(100 + R)}{100} \right]^3$$

$$\Rightarrow \left[ \frac{(100 + R)}{100} \right] = (1728/1000)^{1/3}$$

$$\Rightarrow \left[ \frac{(100 + R)}{100} \right] = 12/10$$

$$\Rightarrow R = 20\%$$

Compound interest on the same sum at the same rate for  $1\frac{1}{2}$  years, when the interest is compounded half yearly

Now  $R = 20/2 = 10\%$ ,  $T = 3$  years(Compounded half yearly)

Compound Interest =  $P \times [1 + (R/100)]^n - P$

$$\Rightarrow 8400 \times [(100 + 10\%)/100]^3 - 8400$$

$$\Rightarrow 8400[(110/100)^3 - 1]$$

$$\Rightarrow 8400 \times 331/1000 = 2780.4$$

Simple Interest on the same sum for same rate and for the same period

$$\Rightarrow \text{Simple Interest} = [P \times R \times T]/100$$

$$\Rightarrow [8400 \times 20 \times (3/2)]/100$$

$$\Rightarrow 2520$$

Difference between Compound interest(Half yearly) and Simple Interest on the same sum for 20% rate and for the same period  $1\frac{1}{2}$  years.

$$\Rightarrow 2780.4 - 2520$$

$$\Rightarrow 260.4$$

$\therefore$  Difference between Compound interest(Half yearly) and Simple Interest on the same sum for 20% rate and for the same period  $1\frac{1}{2}$  years is Rs.260.4.

**74. Answer: b**

**Explanation:**

Given:

The radius of cylindrical,  $r = 10.5$  cm

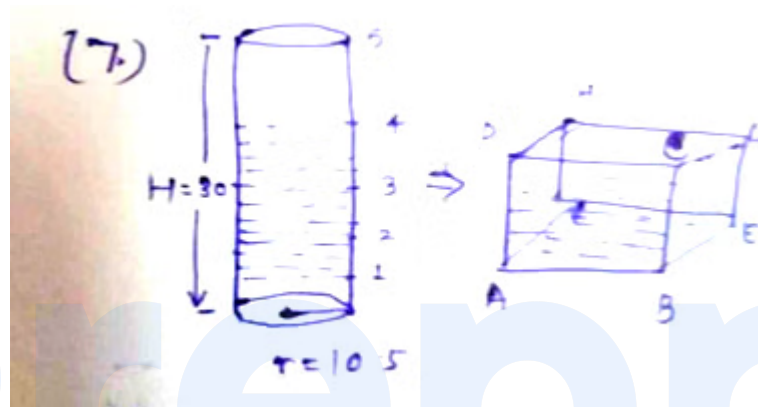
Height of cylindrical,  $h = 30$  cm

The cylindrical vessel is  $\frac{4}{5}$  full of water

Length of the rectangular tube,  $l = 44$  cm

The breadth of the rectangular tube,  $b = 36$  cm

**Formula used:**



The volume of the cylindrical vessel =  $\pi r^2 h$

The volume of the rectangular tube =  $l \times b \times h$

**Calculation:**

The volume of the cylindrical vessel =  $\pi r^2 h$

$$\Rightarrow \frac{22}{7} \times 10.5 \times 10.5 \times 30 = 10395 \text{ cm}^3$$

The cylindrical vessel is  $\frac{4}{5}$  full of water.

$$\Rightarrow \frac{4}{5} \times 10395 = 8316$$

The cylindrical vessel is  $8316 \text{ cm}^3$  full of water.

The volume of the rectangular tube = The cylindrical vessel is  $8316 \text{ cm}^3$  full of water.

$$\Rightarrow l \times b \times h = 8316$$

$$\Rightarrow 44 \times 36 \times h = 8316$$

$$\Rightarrow h = \frac{8316}{44 \times 36} = 5\frac{1}{4} \text{ cm}$$

$\therefore$  The height to the water level rises in the tub is  $5\frac{1}{4}$  cm.

**75. Answer: a**

**Explanation:**

Given:

$$W : X = X : Y = Y : Z = 5 : 6$$

Calculation:

$$\begin{array}{cccc} W & : & X & : & Y & : & Z \\ 5 & : & 6 & & & & \\ & & 5 & : & 6 & & \\ & & & & 5 & : & 6 \end{array}$$



$$\begin{array}{cccc} W & : & X & : & Y & : & Z \\ 5 & : & 6 & : & 6 & : & 6 \\ 5 & : & 5 & : & 6 & : & 6 \\ 5 & : & 5 & : & 5 & : & 5 \end{array}$$



$$\begin{array}{cccc} W & : & X & : & Y & : & Z \\ 5 \times 5 \times 5 & : & 6 \times 5 \times 5 & : & 6 \times 6 \times 5 & : & 6 \times 6 \times 6 \end{array}$$

$$\Rightarrow W : X : Y : Z = 125 : 150 : 180 : 216$$

According to the question,

$$\Rightarrow 125 + 150 + 180 + 216 = 8,052$$

$$\Rightarrow 671 = 8,052$$

$\Rightarrow 1 \text{ unit} = 8,052/671 = 12 \text{ units}$

Now,  $X + Y = 150 + 180 = 330$

$\Rightarrow 330 \times 12 = 3960$

$\therefore$  The sum of shares of X & Y is 3,960.

---

**76. Answer: d**

**Explanation:**

The correct answer is **Neat and tidy**.

★ Key Points

- The most appropriate meaning of the given idiom "spick and span" is **neat and tidy**.
- **Spick and span**: something which is spotlessly clean.
  - **Example**: *She keeps her room spick and span.*

★ Additional Information

- The idiom "spick and span" was adopted in the English language in the 1300s.
- It is taken from the **Dutch expression "spiksplinternieuw"** which means fresh timbers of a newly built shop.
- This Dutch expression was converted into the English language that we use now.

---

**77. Answer: a**

**Explanation:**

The correct answer is " **Reach maturity**".

★ Key Points



- The most appropriate meaning of the given idiom "come of age" is Reach maturity.
- **Come of age** means **when someone reaches the age when he/she is legally recognized as an adult.**
  - **Example:** *When I came of age I learned the real meaning of responsibility.*

★ Additional Information

- Other idioms related to age are-
  - **I wasn't born yesterday:** Someone can't be fooled or deceived easily.
  - **Act your age:** Tells someone that they should act according to their age and stop behaving in an immature or childish way.

---

78. Answer: a

**Explanation:**

The correct answer is ' **Sword** '.

★ Key Points

- The most appropriate word for the given group of words is ' **Sword** '.
- It means 'a long, very sharp metal weapon, like a large knife'. (तलवार, कटार)
  - *Example: Armed only with a short **sword**, he drove off all five of his attackers.*

Correct Answer: *Sword.*

★ Additional Information

- Let's look at the meaning of other words:
  - **Rifle** : a long gun that you hold against your shoulder to shoot with. [राइफल (लंबी नली की बंदूक)]
  - **Spear** : a long pole with a sharp point at one end, used for hunting or fighting. (भाला, बरछी, शूल)
  - **Arrow** : a thin piece of wood or metal, with one pointed end and feathers at the other end, that is shot by pulling back the string on a curved piece

of wood (a bow) and letting go. (तीर, बाण)

---

79. Answer: d

**Explanation:**

The correct answer is **It would make**.

★ Key Points

- "It will make" is grammatically incorrect.
- Would is used for the past tense. As the sentence given is in the past, would is used instead of will.

The correct sentence is: If I were late on the first day, it would make me look bad for the rest of the year.

★ Additional Information

- Would is the past tense form of will.
- It is used when one talks about the past.
  - **Example:** *I thought I would not be able to attend the 8 am lecture.*

Your Personal Exams Guide

---

80. Answer: c

**Explanation:**

The correctly spelt word is '**Shedule**'.

★ Key Points

- Among the given options, the incorrectly spelt word is '**Shedule**'.
- Its correct spelling is '**Schedule**'.
- It means 'a plan of things that will happen or of work that must be done'. (होने वाली बातों या किए जाने वाले काम की योजना; समयसारणी, कार्य-योजना)

- Example: Madhuri has a busy **schedule** for the next few days.

**Correct Answer:** *Schedule.*

★ **Additional Information**

- Let's look at the meaning of other words:
  - **Sheet** : a large piece of material used on a bed. [बिस्तर (पर बिछाने) की चाद]
  - **Shade** : an area that is out of direct sunlight and is darker and cooler than areas in the sun. [छायादार क्षेत्र (सूर्य के प्रकाश से परे कुछ अँधेरा तथा अपेक्षाकृत ठंडा स्थान)]
  - **Sheath** : a cover for a knife or other sharp weapon. (चाकू या पैसे हथियार का खोल, आवरण, म्यान)

81. **Answer: b**

**Explanation:**

The correct answer is **Suffered**.

★ **Key Points**

- In the given options the correct option to be filled in the blank is '**suffered**.'
- **Suffered** means when someone goes through unpleasant things like pain, misery, trouble, etc.
  - **Example:** *Citizens suffered a lot during the war.*

★ **Additional Information**

- **Supported** means the act of helping someone by expressing your agreement with them, as well as occasionally providing them with material aid like money.
- **Stood** means being up and moving rather than sitting or lying down.
- **Settled** means to be comfortable, to feel like you belong, or to put an argument or disagreement to rest.

82. Answer: b

**Explanation:**

The correct answer is **No substitution required** .

★ Key Points

- The given sentence is grammatically correct.
- In the given sentence, **Than** is used as a comparison between the bag Aparna needs and I need.
- Than is a conjunction used to make comparisons and in the phrases like smaller than, bigger than, taller than, etc.
  - **Example:** *I am younger than my sibling.*

★ Additional Information

- Words that join other words, phrases, or clauses together are known as conjunctions.
- You can prevent the choppy nature of several short sentences by using conjunctions to create rich, elegant statements.
  - **Example:** *Not only is he finished studying for the geography exam but he is also finished writing his history essay. (without conjunction)*
  - *He is finished with both his English essay and his history essay. (conjunction makes the sentence short and elegant.)*

83. Answer: d

**Explanation:**

The correct answer is **Quadruped** .

★ Key Points

- The most appropriate word for "a four-footed animal" is "Quadruped."

- **Quadruped:** any creature with four feet.
  - **Example:** *Horse, zebra, crow, etc.*
- The Quadruped includes almost all mammals.

★ Additional Information

- **Biped** refers to any creature having two feet.
  - **Examples :** *Human beings, birds, etc. (Lizards are also Biped.)*
- A **reptile** is an animal whose young hatch from eggs and has cold blood and scaled skin.
  - **Examples :** *Lizard, Turtle, snake, etc.*
- **Mammal** is a species of animal that gives birth to live young instead of eggs and breastfeeds them with its own blood.
  - **Examples :** *Dogs, humans, elephants, etc.*

---

84. Answer: d

**Explanation:**

The correct answer is **Dynamism** .

★ Key Points

- In the given sentence, the correct option to be filled in the blank is Dynamism.
- **Dynamism** refers to expressing approval of someone's enthusiasm or plenty of innovative and intriguing ideas.
  - **Example:** *He has the dynamism of a natural leader.*
- The preposition "towards" used in the sentence is also grammatically incorrect.
- **To** should be used in the sentence.

The correct sentence is: **The leader is popular because of his dynamism and devotion to the cause of the poor villagers.**

★ Additional Information

- **Prepositions** are a word or phrase that indicates place, time, direction, etc. before a noun or pronoun.

- The preposition "To" is used when the destination is confirmed and "towards" is used when the destination is not confirmed.
    - **Example:** *She is going to school. (The destination is definitely school.)*
    - *She is going towards school. (She is moving towards school but is unsure whether the destination is school or the place near school.)*
- 

**85. Answer: a**

**Explanation:**

The correct answer is **Analysis**.

★ Key Points

- The most appropriate meaning of the given group of words is **Analysis**.
- **Analysis** means the process of carefully examining something's various parts or details.
  - Example: *After **analyzing** the party he decided to leave.*

Therefore, as per the points mentioned above, the correct option is **Analysis**.

★ Additional Information

- **An experiment** means a scientific test that is carried out to obtain evidence or learn something new.
  - **Discovery** means the process of discovering information, a location, or an object, especially for the first time.
  - **Invention** means anything that has never been made before or the act of making something new.
- 

**86. Answer: a**

**Explanation:**

The correct answer is **Mischief child**.

★ Key Points

- 'Mischief child' is grammatically incorrect.
- The correct usage is 'Mischievous child' instead of 'mischief child.'
- **Mischievous** means full of mischief while **mischief** is a noun that denotes playful trouble.
  - **Example** :*Food brought a mischievous smile to his lips.*
  - **Example** :*Children are best known for causing mischief.*

The correct sentence is: **The teacher handled the mischievous child quite easily.**

87. Answer: c

Explanation:

The correct answer is **Strict**.

★ Key Points

- **Lenient** is used for Punishment or the Punisher who is not as rigid as anticipated.
  - **Example** :*The principal was too lenient with the students who failed the examination.*
- **Strict** means strongly limiting someone's freedom to behave as they wish, or likely to severely punish someone if they do not obey.
  - **Example** :*The traffic rules of Delhi are very strict.*

Therefore, both options Lenient and Strict express different meanings.

★ Additional Information

- **Furious** means are extremely angry.
- **Tolerant** means accepting behavior and beliefs that differ from your own, even if you do not agree or approve of them.
- **Mild** means something that is not harsh, severe, or extreme.

88. Answer: a

**Explanation:**

The correct answer is **A greatest**.

★ Key Points

- 'A greatest' is grammatically incorrect.
- The correct usage is 'the greatest' instead of 'a greatest.'
- Unique nouns are paired with the definite article **the** . When the noun is modified with a superlative (such as best or greatest), the noun becomes a unique noun.

The correct sentence is: **A mother has the greatest influence over the children.**

★ Additional Information

- The indefinite articles are a and an.
- **A** is used before a singular noun beginning with a consonant sound.
- **An** is used before a singular noun beginning with a vowel sound.

---

89. Answer: c

**Explanation:**

The correct answer is **Flat** .

★ Key Points

- **Level** means a horizontal surface that is parallel to the horizon.
  - **Example:** *The plane levelled off at 12000 feet.*
- **Flat** means an unbent, curved, or uneven surface.
  - **Example :** *He has a flat desk at his home to put the books.*
- **Flat** and **level** are similar in meaning.

Your Personal Exams Guide



★ Additional Information

- **Rough** means something that is not smooth or soft.
  - **Matched** means to have the same colour or pattern as another item and to complement that item well.
  - **Frequent** means something that happens very often.
- 

90. Answer: b

**Explanation:**

The correct answer is **Jammed** .

★ Key Points

- **Jammed** is used when something is blocked or stuck.
  - **Example** : *The telephone lines are jammed because of riots.*

The correct sentence is: **The latch is jammed, and I cannot open the window.**

★ Additional Information

- **Congested** means a place that is overcrowded or busy with traffic.
  - **Packed** means placing things into a container so that they can be transported, stored, or sold.
  - **Crammed** means being extremely full.
- 

91. Answer: a

**Explanation:**

The correct answer is Makes him look.

★ Key Points

- The subject of the sentence (the person or the thing that is doing something) must agree with the verb (the thing that the subject is doing).
- A singular subject (white hair) requires a singular verb (makes).

The correct sentence is: Having white hair makes him look wise.

92. Answer: d

Explanation:

The correct answer is **Over Himalayan peaks I saw**.

★ Key Points

- **Over Himalayan peaks I saw** is grammatically incorrect.
- Definite article **The** should be used before Himalayan peaks because The is used before the proper noun and Himalaya is a proper noun.

The correct answer is: **As the moon came up over the Himalayan peaks I saw that the road looked like a ribbon of moonlight.**

★ Additional Information

- A proper noun is a specific name (as opposed to a generic one) that refers to a certain person, place, or thing.
  - **Examples** : *Buckingham Palace, Humayun Tomb, Virginia Woolf, etc.*

93. Answer: b

Explanation:

The correct answer is Sensitive.

★ Key Points

- Immune refers to someone who is unaffected by something or who has built-in defenses against a certain sickness or condition.
  - Example :*His immune system is very strong.*
- **Sensitive** refers to someone who is easily affected by something.
  - **Example** :*He seems like a tough guy but he is very sensitive from the inside.*
- Sensitive and Immune have totally different meanings.

★ Additional Information

- **Exposed** is used for a place that is not protected from rain or bad weather.
- **Eager** means a strong desire to do or have something.
- **Excused** means to forgive somebody for whatever they have done or explain somebody's bad behavior and show it less bad.

---

94. Answer: c

**Explanation:**

The correct answer is **Necessary**.

★ Key Points

- The correct spelling should be **necessary** .
- Necessary means something that is needed to achieve a particular result or something that is required.
- The spellings of the other given words are correct.

★ Additional Information

- **Separate** means something that is not together or connected.
- **Ability** means the capacity to do something physically, mentally, emotionally, etc.
- **Definitely** means something which you don't have any doubt about.

95. Answer: c

Explanation:

The correct answer is **Adjust**.

★ Key Points

- **Adapt** means adjusting your behavior after becoming used to a new environment
  - **Example:** *It took me a while to adapt to a new town.*
- **Adjust** means adapting to new circumstances or a new environment.
  - **Example:** *It was very difficult for me to adjust to the new college.*
- It is clear that **Adapt** and **Adjust** are similar in meaning.

Therefore the correct answer is **Adjust**.

★ Additional Information

- **Reject** means to refuse to accept somebody/something.
- **Neglect** means to give little attention or ignore something/someone.
- **Disturb** means to interrupt someone when they are doing something or ruining a peaceful situation.

Your Personal Exams Guide

96. Answer: a

Explanation:

The correct answer is **When**.

★ Key Points

- In the given options the correct option to fill in the blank is **When**.
- In the given sentence, When is used as a **relative pronoun** in the relative clauses which are I had just left for school and I was caught in a heavy storm.

- Relative pronouns introduce relative clauses that **describe nouns or other pronouns**.

The correct sentence is: **It was a cloudy morning. I had just left for school when I was caught in a heavy storm.**

★ Additional Information

- **Though** means 'despite the fact'
  - **Example** : *I still feel like eating even though I had my dinner just now.*
- **Then** is used to refer either to the past or the future.
  - **Example** : *What age he was then?*
- **Since** is used to refer to a particular time in the past.
  - **Example** : *I have lived in Delhi since 2002.*

---

97. Answer: d

**Explanation:**

The correct answer is ' **Panicked** .'

★ Key Points

- In the context of the passage, we can see that a student is going to school but it is a cloudy day.
- **Panicked** means someone who is in a state of extreme fear.

The correct sentence is: **I panicked as it started pouring.**

★ Additional Information

- **Confused** means when someone is unable to think clearly or effectively.
- **Alarmed** means when someone feels afraid or tensed.
- **Frightened** means someone is filled with fear or is terrified of something.

98. Answer: b

**Explanation:**

The correct answer is Drenched.

★ Key Points

- **Drenched** means to thoroughly wet someone or something.
  - **Example** : *The rain had poured in through the window, drenching the carpet.*
- A student going to school in this passage has been completely wet by rain.

The correct sentence is: I got all Drenched.

★ Additional Information

- **Drowned** means to (cause) death by not being able to breathe underwater.
- **Flooded** means covered with water.
- **Parched** is used for especially earth or crops dried out as a result of excessive heat and insufficient rain.

99. Answer: c

**Explanation:**

The correct answer is **Amidst** .

★ Key Points

- In the given options the correct option to fill in the blank is **Amidst** .
- In the given sentence, Amidst is used as a preposition. Amidst means 'in the middle of.'

The correct sentence is: **Amidst** all this, I managed to find shelter.

Your Personal Exams Guide

★ Additional Information

- A preposition is a word or phrase which is used to indicate time, place, direction, etc., and used before a noun or pronoun.
- **Through** is used to describe something's or someone's movement from one side to the other.
- **Within** is used to describe a distance less than a certain distance from something or a destination.
- **Along** is used when an object or someone is moving on or next to a line.

100. Answer: d

**Explanation:**

The correct answer is **Considered**.

★ Key Points

- **Considered** means to give careful thought to something, frequently before making a choice.
  - Example: *He **considered** going to the party.*
- In this passage, a student who is heading to school is considering whether to go to school or home after finding shelter.

The correct answer is: I managed to find a shelter and considered whether I should go to school or return home.

★ Additional Information

- **Worried** means someone who is displeased because he/she is worried about issues or unpleasant scenarios.
- **Concluded** means to end a presentation, discussion, or written work
- **Studying** means something that is done, made, or considered very carefully and intentionally, rather than in a completely honest or sincere manner.