

**GENERAL INTELLIGENCE
& REASONING**

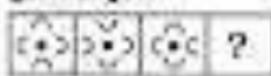
Description (15-40): Average One hundred words in a reasoning section.

1. House 2. Head
3. Room 4. Head
5. Doctor
(D) 2, 1, 4, 3 (S) 3, 1, 4, 2, 5
(S) 2, 1, 2, 4, 5 (D) 2, 1, 2, 5, 4
1. Leaf 2. Plant
3. Green 4. Plant
5. Plants
(D) 4, 1, 5, 2 (S) 3, 4, 5, 1, 2
(S) 4, 1, 3, 5, 2 (D) 4, 3, 1, 2, 5
- Which one set of letters whose arrangement placed in the gaps in the given broken series shall complete it?
 A — E — B — C — D — E — A
 (I) abcd (II) bacd
 (III) adbc (IV) abdc
- A series is given with one item missing. Choose the correct alternative from the given sets that will complete the series.
 RPPV, T, RQH, PDM,
 (I) QPP (II) SOP
 (III) PRU (IV) OGP

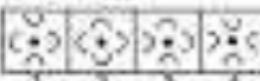
- A series is given with one item missing. Choose the correct alternative from the given sets that will complete the series.
 2, 15, 7, 60, 80, 143
 (I) 27 (II) 45
 (III) 55 (IV) 50

- A series is given with one item missing. Choose the correct alternative from the given sets that will complete the series.
 5004, 50001, 50001, 50001
 (I) 50000 (II) 50001
 (III) 50003 (IV) 50002
- A series is given with one item missing. Choose the correct alternative from the given sets that will complete the series.
 2, 15, 7, 60, 80, 143
 (I) 27 (II) 45
 (III) 55 (IV) 50

- Question Figures**



Answer Figures



- Below following questions you have to identify the correct response from the given options stated according to following symbols.
 '+' stands for addition, '-' stands for subtraction, 'x' stands for multiplication, '=' stands for equal by three which of the given conclusions/assumptions can definitely be drawn from the given statements. Indicate your answer.
- Statement :** Physical exercise is necessary for good health.
Conclusion :
 1. Auto plays. Tremor at age of forty.
 2. Most individuals having exercise go to hospital.
 (I) Only I follows
 (II) Only II follows
 (III) Neither I nor II follows
 (IV) Both I and II follow

- Select the missing number from the given options to the following question.



- 11 14 18 22
10 10 18 27
6. In a coding system (PQR) is written as HGG and (RST) as CTG. How can we write PROPS in this coding system?
 (I) MCTOL (II) CDTGS
 (III) MTOOL (IV) HTSGLO

- 17 EIGHTYDEER is coded as 24001184. DASHER is coded as 313344. What is the code for 50000301?
 (I) 18, 15, 22, 3, 38, 19
 (II) 45002 084
 (III) 5045 788
 (IV) 41022468

- A word gives its original order is followed by four answer words. Out of these only one can be eliminated by using the letters of the given words. Find out that word.

ENVIRONMENT

1. ENVIRONMENT
2. ENVIRONMENT
3. ENVIRONMENT
4. ENVIRONMENT

Description (15-40): On each of the following questions a statement is given followed by two conclusions/assumptions. You have to consider the statement in the given, even if it seems to be far from the statement. You have to decide which of the given conclusions/assumptions can definitely be drawn from the given statement. Indicate your answer.

- Statement :** Physical exercise is necessary for good health.
Conclusion :
 1. Auto plays. Tremor at age of forty.
 2. Most individuals having exercise go to hospital.
 (I) Only I follows
 (II) Only II follows
 (III) Neither I nor II follows
 (IV) Both I and II follow
- Statement :** It is intelligent.
 It will pass the examination.
Assumption :
 1. It passes, because it is intelligent.
 2. It will pass the examination.
 (I) Only I is implicit.
 (II) Only II is implicit.
 (III) Both I & II are implicit.
 (IV) Both are not implicit
- A family has a son, his wife, their 4 sons and their wives. The family of every two sons have 2 sons and one daughter each. Find out the total number of male members.
 (I) 1 18 18
 (II) 4 26 27
 (III) 5 26 27
 (IV) 6 26 27
- A, B, C, D and E are sitting in a bench. A is sitting next to B. C is sitting next to D. D is not seated with B who is in the left end of the bench. C is to the second position from the right. A is to the right of B and E. A and C are sitting together. In which position is B sitting?

11) Neelam & Jai & Di

12) Neelam & Ram & Di

13) Neelam & Jai & Di

14) Neelam & Jai & Di

- 15) A and B are 30 years, B and C are 30 years. If C is younger to A by 10 years, what is the ratio of A : B : C?

16) Mutual

17) Government

18) Society

19) None

- 18) A railway track consists straight from point A to B which is 2 km away. One turns left at 90° and walks 8 km to C, where one turns 2nd right at 90° and walks 5 km to D. At D one turns left to C and reaches E 8 km to E. How far is the total distance A to E?

19) 12.5 km

20) 14 km

21) 5 km

- 19) A book started from the book end and ended 8 km towards North. Then the book is laid flat and covered with newspaper. The book again a right turn and ended for 2 km. In what direction is the going?

22) North

23) South

24) West

- 20) How many triangles are there in the figure PQRS?



25) 10

26) 12

27) 20

28) 8

- 21) Two children of a doctor's son, before 100 years had 100. If today, what would be the total?

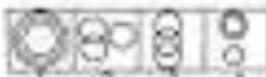
Quadratic Figure



Assume Figure

3	5	3	6
2	3	2	5

- 22) Which one of the following represents Musicals, Industrial and Voluntary?



- 23) Which one of the answer figures will complete the given question figure?

Quadratic Figure



Answer Figures

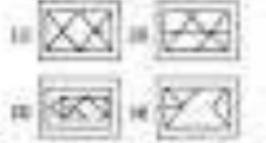


- 24) In which answer figure is the "square figure enclosed"?

Quadratic Figure



Answer Figure



- 25) Select the related word from the given alternatives:

Book : Publisher :: Film : ?

1) Writer : 2) Author

3) Director : 4) Producer

- 26) Select the word which does not form the given alternatives:

Novel : Poem : Biography : ?

1) Reader

2) Library

3) Newspaper

4) Books

- 27) Select the adjacent terms from the given alternatives:

PQRS : ABCDEF :: MNOP : ?

1) QRSDEF : MNOPQRST

2) MNOPQRST : QRSDEF

- 28) Select the related number from the given alternatives:

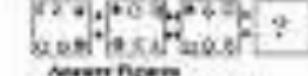
1) 400 : 800 :: 818 : ?

2) 504 : 549 :: 181308 : ?

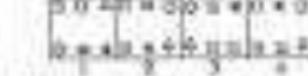
3) 200 : 200 :: 181308 : ?

- 29) Select the related figure from the given options:

Quadratic Figure



Answer Figures



- 30) Select the one which is different from the other three responses:

1) Home

2) Apartment

3) Building

4) Society

- 31) Select the one which is different from the other three responses:

1) Computer

2) Smart Phone

3) Light Heavy

- 32) Select the one which is different from the other three responses:

1) 190102 : 190102

2) 020202 : 020202

- 33) Select the one which is different from the other three responses:

1) ABDC : CDBA

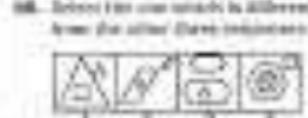
2) ODCV : VDCO

- 34) Select the one which is different from the other three responses:

1) 19 : 49

2) 20 : 40

- 35) Select the one which is different from the other three responses:



CLEAR YOUR DOUBTS

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ARITHMETIC

36. Two pipes can fill a tank with water in 1.5 and 2.5 hours respectively and a drainage pipe takes it in 4 hours. If the pipes be opened at same time, then the tank will be emptied at
 (A) 1.40 p.m.
 (B) 1.45 p.m.
 (C) 1.48 p.m.
 (D) 2.40 p.m.

37. A radio is sold for Rs. 2000 at a profit of 10%. What would have been the actual profit, if sold at Rs. 1800 less than the price ?
 (A) Rs. 1200
 (B) Rs. 1300
 (C) Rs. 1400 (D) Rs. 1500

38. A 100m passenger train travelling at a uniform speed of 36 km/hour covers 2000 m in 20 seconds. The length (in metres) of the train is
 (A) 100
 (B) 175
 (C) 175
 (D) 200

39. A man goes from home to his office. He covers 3/4 of the distance in one hour and 2/3 of the rest in one hour. What is the average speed of the man ?
 (A) 2
 (B) 3
 (C) 4
 (D) 5

40. Walking at three-fourth of his usual speed, a man covers a certain distance in 2 hours more than the time he takes to cover the distance at his usual speed. The time taken by him to cover the distance with his usual speed is
 (A) 4.5 hours (B) 5 hours
 (C) 5 hours (D) 6 hours

41. A person carries 40 kg of salt in a bag. In the form of a rectangle, whose sides are in the ratio 3 : 2. The area of the rectangle is 120
 (A) $\frac{2}{3}$
 (B) 120
 (C) 1400 cm^2 (D) 1800 cm^2

42. The perimeter of a rectangle and a square are 600 m each. The area of the rectangle is 100 sq m. The length of the rectangle is
 (A) 30 m (B) 33 m (C) 40 m (D) 45 m

43. A square and an equilateral triangle are drawn on the same base. The ratio of their areas is
 (A) 2 : 3 (B) 1 : 1
 (C) 3 : 4 (D) 4 : 3

44.
$$\frac{10000^2 - 9000^2}{(10000 + 9000)(10000 - 9000)}$$

simplifies to
 (A) 1 (B) 1000
 (C) 100 (D) 10

45. If the difference of two numbers is 3 and the difference of their squares is 33, then the larger number is
 (A) 9 (B) 8 (C) 7 (D) 6

46. The LCM of two numbers is 30 and their HCF is 5. One of the numbers is 10. The other is
 (A) 10 (B) 15 (C) 20 (D) 30

47. Two 3-digit numbers have their HCF 28 and LCM 616. The sum of the numbers is
 (A) 168 (B) 188 (C) 208 (D) 228

48. $10 \times 10 = 10 \times 10$ equals
 (A) 10000 (B) 20000 (C) 30000 (D) 40000

49. $10 \times 10 + 10000$ is equal to
 (A) 10000 (B) 100000 (C) 1000000 (D) 10000000

50. The value of

$$\left(\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}\right)^{-1}$$
 is
 (A) 8 (B) 16 (C) 24 (D) 32

51. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

52. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

53. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

54. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

55. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

56. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

57. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

58. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

59. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

60. The value of

$$\frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100} \times \frac{100}{100}$$
 is
 (A) 100 (B) 1000 (C) 10000 (D) 100000

61. A box was sold in multiply a number by 12. By mistake the multiplied the number by 12 and got an answer 103 more than the correct answer. The number is
 (A) 7 (B) 9 (C) 10 (D) 12

62. A dozen is 12. If 12 boxes are packed in 1000 g of sugar then the quantity in 1000 g of sugar is
 (A) 100000 (B) 64000 (C) 40000 (D) 30000

63. The average of marks secured by the students of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

64. In a class, the number of girls is 30% more than that of boys. The strength of the class is 60. If 6 girls are admitted in the class, the ratio of the number of boys to that of girls is
 (A) 1 : 2 (B) 2 : 3 (C) 3 : 2 (D) 4 : 3

65. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

66. In a class, the number of girls is 30% more than that of boys. The strength of the class is 60. If 6 girls are admitted in the class, the ratio of the number of boys to that of girls is
 (A) 1 : 2 (B) 2 : 3 (C) 3 : 2 (D) 4 : 3

67. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

68. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

69. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

70. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

71. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

72. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

73. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

74. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

75. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

76. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

77. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

78. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

79. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

80. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

81. The ratio of reading to writing the subjects of a class is 65. The average of marks of the girls in the class is 68 and that of boys is 60. What is the percentage of boys in the class ?
 (A) 40 (B) 60 (C) 70 (D) 75

(1) 8,330 (2) 9,600
 (3) 2,600 (4) 3,000

68. Instead of 10% being 90, 11% is being

E	Q	R	S	T
1	2	3	4	5
6	7	8	9	10

By what E is also divided in the ratio 3 : 8 : 4. What is Q + R + S + T?

(1) Only P (2) Only Q
 (3) Only R (4) Both Q and R

69. The simple interest on Rs. 7,200

from 1.1 May, 2010 to 14 Sept.
 2010, 2010 (both days included)
 is Rs. 5% per annum is

(1) Rs. 120 (2) Rs. 120
 (3) Rs. 200 (4) Rs. 220

70. A man borrows Rs. 1,000 at 9

years at 4% per annum compounded annually. The sum is

(1) Rs. 1,380 (2) Rs. 1,270
 (3) Rs. 1,240 (4) Rs. 1,250

71. At what rate per cent per annum

will Rs. 1000 become Rs. 1000
 in 10 years?

(1) 4% (2) 5%

(3) 8% (4) 9%

72. The list price of a clock is Rs.

Rs. 100. A customer buys it in the sale at 20% less than the successive discounts. If first discount is 10%, the second is

(1) 10% (2) 12%
 (3) 15% (4) 18%

73. A shopkeeper sells 70% dis-

count on the marked price of an article and still makes a profit of 20%. What is the marked price of the article marked Rs. 500 for him?

(1) Rs. 440 (2) Rs. 460
 (3) Rs. 500 (4) Rs. 570

74. If A and B each complete a piece of work in 20 days, C does it in 25

days, and D does it in 15 days. If all of them work together, the time taken in completing the work will be

(1) 10 days (2) 12 days

(3) $12\frac{2}{3}$ days (4) $12\frac{1}{3}$ days

75. A job may be completed by 10

men in 12 days. How many more days will be needed to complete the job if 2 men leave after working for 6 days?

(1) 2 (2) 3
 (3) 4 (4) 5

GENERAL AWARENESS

71. Who among the following was on May 8, 2011 (books for the post Agro-Silviculture for the purpose of International Understanding)?

(1) Guruhar Choudhury
 (2) Jagdish Bhattacharya
 (3) Nirmala Banerjee
 (4) David Colasanto

72. Who is the protagonist and pro-

tagonist of the "Art of Living"?

(1) Mahatma Mahesh Yogi
 (2) Sri Santokh Singh
 (3) Swami Dharmendra
 (4) Pawan Kumar Hazra

73. Which of the following Mahatma Gandhi's acts of courage were inspired by the RSS was a drawing of the "Paramedical Doctor" sketch in 1927?

(1) Ra. 600 (2) Ra. 100

(3) Ra. 50 (4) Ra. 15

74. Passage A is based on

(1) India and Little Assam
 (2) North and South Assam
 (3) North and Middle Assam
 (4) Assam and Nagaland

75. Who among the following was known as the Chief Minister of Assam in 1947? Prakash Narayan on May 5, 2011?

(1) Digong Kurung
 (2) Jang Bahadur
 (3) Anil Choudhury
 (4) Motilal Mitra

76. The home minister of India among the following is

(1) Shashi
 (2) Sharad
 (3) Nitin
 (4) Venka

77. Which amongst the following States/UTs has the highest rate of literacy?

(1) Uttar Pradesh
 (2) Orissa
 (3) Jharkhand
 (4) Delhi

78. What is "wall of ignorance" about today?

(1) Magnesium carbide
 (2) Sodium bicarbonate
 (3) Calcium hydroxide
 (4) Magnesium hydroxide

79. Successor ministry to CPC in 2011
 had:

(1) A set of reforms
 (2) A set of ATU
 (3) Microprocessor
 (4) Stick

80. When did Forest Survey of India issue?

(1) Deforestation
 (2) Deforestation
 (3) Deforestation
 (4) Deforestation

81. The name of which of the following countries required a permit to proceed to the forest areas in favour of AIA, revealed here on May 8, 2011?

(1) Project
 (2) Consistency
 (3) Forest
 (4) State

82. From which Indian state
 (A) Nagaland and (B) Arunachal Pradesh to
 (C) Assam and (D) Meghalaya
 is the Supreme Court concerned by the Supreme Court in a Parliamentary Right?

(1) Right to life
 (2) Right of opportunity or
 (3) Right of public participation
 (4) Protection of personal liberty

83. What are "Open Market Operations"?

(1) Annexes of BOM employment
 (2) Selling of currency by the
 FRS

(3) Selling right edge securities
 by the Government

(4) Sale of shares by the

84. Which ruler built the Ellora temple?

(1) Chandragupta
 (2) Roma
 (3) Ashoka
 (4) Pallava

85. Which is the best national park established in India?

(1) Nilgiri National Park
 (2) Periyar National Park
 (3) Girnar National Park
 (4) Purna National Park

86. Study the article with these an-

Answers

- A.** Periodical Council of Hunting
B. P.L. Bhakti
C. India
D. Apple City
E. Moon
F. Mystery House
G. Hydrogen
H. Earth
I. Air
J. Water
K. Fire
L. Glass
M. Metal
N. Plastic
O. Wood
P. Soil
Q. Ice
R. Sand
S. Mud
T. Clay
U. Salt
V. Sand
W. Soil
X. Water
Y. Oil
Z. Glass

97. Which of the following Standing Committees of Parliament has been set up by the Rajya Sabha?
 A) Public Accounts Committee
 B) Estimates Committee
 C) Committee on Public Undertakings
 D) Committee on Government Assurances

98. Who amongst the following has not started 'Swachh Bharat Mission'?
 A) Prime Minister Narendra Modi
 B) Secretary of State for Environment
 C) Vice-President M Venkaiah Naidu
 D) Meghalaya's Chief Minister

99. India's first ... Hemisphere.
 A) North
 B) South
 C) East
 D) West
 E) North-East
 F) South-East
 G) East-West
 H) West-East

100. In which part of the eye lies the pupil? (Also discuss the colour of the iris of a person)
 A) Cornea B) Choroid
 C) Iris D) Vitreous Body

101. Which is the home of "Alpinism mount"?
 A) Rodriguez B) Dresden
 B) Marks C) Vajrapani
 D) Gangotri

102. Strength of a current can be measured by the "**Ohm's Law**".
 A) Force
 B) Current
 C) Capacitance
 D) Resistance

103. Which of the following terms is not on the "Prohibited Quantitative List" being issued for the code of conduct of a member of the Assembly?
 A) Expenses
 B) Hydrocarbon
 C) Wood/timber
 D) Electricity

Answers

- A.** What is viewed through an electron microscope?
 B) X-ray and solid electron
 C) particles
 D) 10 nanometers of bacteria and viruses
 E) Inside of bacteria membrane
 F) Inside of the human eye

G. What is TV Channel Broadcast
 H) programme "One Nation"
 I) 120m
 J) Bone
 K) Amusement
 L) Star

M. Who spent 20 years in a Prison jail after having been accused of the charge of spying against Russia on April 7, 2011?
 A) Five up (Russia)
 B) Pakistanis Singh
 C) Auli Shabir
 D) Gulzar Khan

N. Which of the following Standard ranges its trains on the ocean?
 A) Indian Railways B) Visakhapatnam
 C) Arunachal D) Adyaprakash

O. Who is appointed to act as a supervisor in a subversive agency?
 A) Head B) Director
 C) Chairman D) Palash

P. Special Drawing Rights (SDR) is currently available in
 A) International Monetary Fund (IMF)
 B) World Bank (WB)
 C) International Development Association (IDA)
 D) International Institute of Economic Cooperation and Development (IICID)

Q. Where does most of the weather phenomena take place?
 A) Atmosphere
 B) Troposphere
 C) Stratosphere
 D) Thermosphere

R. What is referred to as "Doppler effect"?
 A) A new system of local currency
 B) A method of regulating stock exchange
 C) An option for early booking of tickets
 D) An auxiliary service to horse riding

Answers

- S.** Who was the first Indian to be a Fellow of the Royal Society of London?
 A) Harishchandra
 B) N.C. Wadia
 C) C.V. Raman
 D) P.C. Mahalanobis

T. The subject matter of which magazine pertains to
 A) Science B) Education
 C) Mathematics D) Business

U. Which region of the body never feels
 A) Muscle B) Skin
 B) Tongue C) Hand

V. Why did the Government build the import of "Thermonuclear weapons"?
 A) To increase a weapon which can destroy local crops
 B) These were not important to human survival health
 C) These bombs cause greater early aggression progress to prevent nuclear proliferation
 D) These bombs multiply at very slow rates

W. From which date onwards on
 A) 2011, since President Barack Obama has been the first black to speak
 B) the greatest victory of human history?
 B) April 11 C) April 12
 D) April 13 E) April 14

X. The presence of what distinguishes a plant cell from an animal cell?
 A) Chlorophyll
 B) Cell wall
 C) Cell membrane
 D) Nucleus

Y. NASA has sent a probe to the Sun through which three layers
 A) B)
 C) D)

Z. In which of the following is more important for growth of children upto the age of 24?
 A) Protein B) Vitamin
 C) Fats D) Water

- 123.** Who was the Chairman of the Union Public Committee of the Constitutional Assembly of India?
 (A) Dr. B.R. Ambedkar
 (B) Sir Alladi Krishnaswamy Ayer
 (C) Dr. Jawaharlal Nehru
 (D) Dr. B.N. Rau

124. Who founded the LADDER?
 (A) Dr. B.R. Ambedkar
 (B) Dr. Mahatma Gandhi
 (C) Dr. C.R. Das
 (D) Dr. Charles H. James

- 125.** Why did one of the High Courts in India declare that 'Abortion is unconstitutional and违法的'?
 (A) It infringes on the fundamental rights of entire group of people.
 (B) It is violation of a fundamental freedom.
 (C) It adversely affects public health.
 (D) It is not part of a right to privacy.

- 126.** The movement which was aimed towards to convert the depth of oceans is
 (A) Blue
 (B) Green
 (C) Blue
 (D) White

- 127.** The song 'Carrie in the Wind' was sung by Elton John in his song H
 (A) Good Day
 (B) Promise
 (C) Soul Train
 (D) Academy Hepatitis

- 128.** Show your answer as 'Time taken of the Year' by the Weather Conditions Aligned to April 2011?
 (A) The highest temperature
 (B) Cloudy Day
 (C) Moderate Wind
 (D) All of the above

- 129.** Which of the following is used to calculate wind generation?
 (A) Water
 (B) Air
 (C) Sunlight
 (D) Radiation

- 130.** Soap is prepared by boiling two soaps with
 (A) Alcohol
 (B) Saponine
 (C) Glycerine
 (D) Fats

- 131.** Which among the following is a best solution for the increasing soil erosion?
 (A) Irrigation
 (B) Dams
 (C) Soil conservation
 (D) Crop rotation

- (E) Croplands
 (F) Rainfall
 (G) Forest
 (H) Water bodies
132. The Organiser and founder General of India who is the most important personality for the
 (A) Green Commission
 (B) Blue Commission
 (C) Green and Steel Committee
 (D) Neither Underwater nor Freshwater
 (E) None

- 133.** What do the percentage of Gross deposit?
 (A) Income
 (B) Manufacturing
 (C) Aviation
 (D) Petroleum

ANSWERS

1. (D)	2. (D)	3. (D)	4. (D)
5. (D)	6. (D)	7. (D)	8. (D)
9. (D)	10. (D)	11. (D)	12. (D)
13. (D)	14. (D)	15. (D)	16. (D)
17. (D)	18. (D)	19. (D)	20. (D)
21. (D)	22. (D)	23. (D)	24. (D)
25. (D)	26. (D)	27. (D)	28. (D)
29. (D)	30. (D)	31. (D)	32. (D)
33. (D)	34. (D)	35. (D)	36. (D)
37. (D)	38. (D)	39. (D)	40. (D)
41. (D)	42. (D)	43. (D)	44. (D)
45. (D)	46. (D)	47. (D)	48. (D)
49. (D)	50. (D)	51. (D)	52. (D)
53. (D)	54. (D)	55. (D)	56. (D)
57. (D)	58. (D)	59. (D)	60. (D)
61. (D)	62. (D)	63. (D)	64. (D)
65. (D)	66. (D)	67. (D)	68. (D)
69. (D)	70. (D)	71. (D)	72. (D)
73. (D)	74. (D)	75. (D)	76. (D)
77. (D)	78. (D)	79. (D)	80. (D)
81. (D)	82. (D)	83. (D)	84. (D)
85. (D)	86. (D)	87. (D)	88. (D)
89. (D)	90. (D)	91. (D)	92. (D)
93. (D)	94. (D)	95. (D)	96. (D)
97. (D)	98. (D)	99. (D)	100. (D)
101. (D)	102. (D)	103. (D)	104. (D)
105. (D)	106. (D)	107. (D)	108. (D)
109. (D)	110. (D)	111. (D)	112. (D)
113. (D)	114. (D)	115. (D)	116. (D)
117. (D)	118. (D)	119. (D)	120. (D)

EXPLANATIONS

- 1.** (D) **Meaning of Carter:**

- (A) Rivers
 (B) Trees
 (C) House
 (D) Board
 (E) Number
 (F) Doctor

- 2.** (D) **Meaning of Carter:**

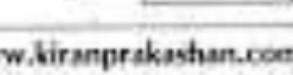
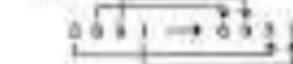
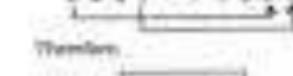
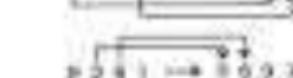
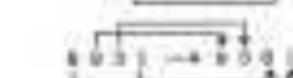
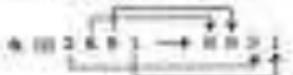
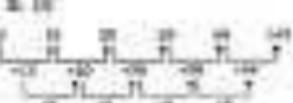
- (A) Rock
 (B) Tree
 (C) House
 (D) Land
 (E) Power
 (F) Frost

- 3.** (D) $\pi = \frac{C}{D} = \frac{\text{Circumference}}{\text{Diameter}}$ $\approx \frac{22}{7}$

- 4.** (D)



- 5.** (D)



2. (J) In each subsequent figure, three circles are inserted in clockwise direction successively.

8. (I)	<table border="1"> <tr><td>4</td><td>1</td><td>4</td></tr> <tr><td>1</td><td>4</td><td>1</td></tr> <tr><td>4</td><td>1</td><td>4</td></tr> </table>	4	1	4	1	4	1	4	1	4
4	1	4								
1	4	1								
4	1	4								

Options (A)

$$2 \times 1 + 1 \rightarrow 2 \times 2$$

After putting the rows of signs

$$2 \times 2 + 1 \rightarrow 2 \times 3$$

(I) $10 \times 10 \times 2 = 5$

(II) $10 \times 2 + 2 = 12, (2+0=2)$

$$12 \times 2 = 24$$

13. (D) P, E, R

$$\rightarrow \downarrow \rightarrow \downarrow$$

$$R \rightarrow E \rightarrow R$$

$$E \rightarrow R \rightarrow E$$

$$R \rightarrow E \rightarrow L$$

$$E \rightarrow T \rightarrow R$$

$$R \rightarrow L \rightarrow R$$

Therefore,

$$P \rightarrow R \rightarrow E \rightarrow R \rightarrow L$$

$$L \rightarrow E \rightarrow L \rightarrow R$$

14. (B) R D T H S R

$$S \rightarrow R \rightarrow D \rightarrow T \rightarrow H \rightarrow S$$

$$H \rightarrow S \rightarrow R \rightarrow D$$

$$D \rightarrow T \rightarrow H \rightarrow S$$

$$T \rightarrow R \rightarrow D \rightarrow T$$

$$R \rightarrow S \rightarrow R \rightarrow S$$

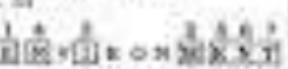
Therefore,

$$R \rightarrow D \rightarrow T \rightarrow H \rightarrow S \rightarrow R$$

$$S \rightarrow R \rightarrow D \rightarrow T \rightarrow H \rightarrow S$$

$$H \rightarrow S \rightarrow R \rightarrow D \rightarrow T \rightarrow H$$

15. (D)



16. (D) Only I follows.

17. (D) Only I is unique.

18. (D) Total number of nodes

$$= 1 + 4 = 5 \rightarrow 5^2$$

19. (D) Walking in a staircase:



20. (D) If daughter is the sum of R and S.

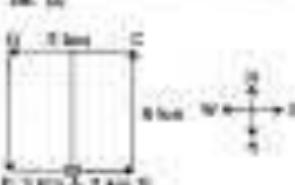
R is divisor of S.

Therefore, R is sum of S.

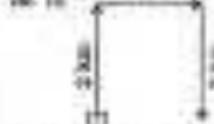
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COMPETITIVE REASONING

21. (D)



22. (D)



23. (D) Total number of all lateral faces given below:



The triangles are:

MPQ, MPN, MNR, NQR, NPS

MRS, ARS, ARQ, AQS

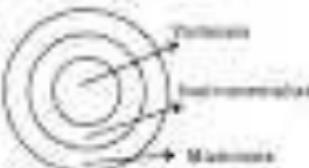
ARQ, ARS, AQS, QSP

QSP, QPR, QNR, QMR

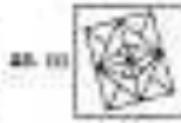
Thus, there are 18 triangles.

24. (D) When both 6 and 4 are in the same position of value 2 should be opposite to 1.

25. (D)



26. (D)



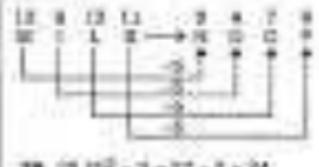
27. (D) Black is partitioned by Red before White. Similarly, Blue is divided by Green.

28. (D) The list of food items is rolled menu. Similarly, the list of books is rolled catalogues.

29. (D)



30. (D)



31. (D) $10^2 - 3 = 27 - 3 = 24$
 $10^2 - 4 = 36 - 4 = 32$

Similarly,
 $10^2 - 0 = 100 - 0 = 100$

$10^2 - 1 = 100 - 1 = 99$

32. (D) From first figure to second by the following changes occur:



Similar changes will be in the second part of Options.

33. (D) Similarly in, rearrangement of people while all others are red dotted places.

34. (D) In AB - OAB both the two words are synonymous to each other.

35. (D) $18 - 21 - 30 - 3$
 $18 \rightarrow 19 \rightarrow 20 \rightarrow 21$
 $19 \rightarrow 20 \rightarrow 21 \rightarrow 22$
 $20 \rightarrow 21 \rightarrow 22 \rightarrow 23$
 $21 \rightarrow 22 \rightarrow 23 \rightarrow 24$
 $22 \rightarrow 23 \rightarrow 24 \rightarrow 25$

Dot.

$2 \rightarrow 6 \rightarrow 10 \rightarrow 14$
 $2 \rightarrow 7 \rightarrow 11 \rightarrow 15$

44. Q) Expressions

$$= 8.37 + 0.6 + 200.5$$

$$= 8.37$$

$$0.600$$

$$100.5$$

$$8.375$$

50. 11) Expressions = $\sqrt{2^2+4^2+5^2}$

$$= \sqrt{2^2+4^2+5^2} = \sqrt{25+16+4}$$

$$= \sqrt{2^2+5^2+2^2} = \sqrt{25+4+4}$$

51. 10) Let, $6x - 6 = 0$ and $0.04 = 0$

$$0.4 = 0$$
 and $0.08 = 0$

Expression

$$= \frac{6x - 6 + 0.04 + 0.08}{0.4 + 0 + 0.08 + 0.04} = \frac{6x - 5.88}{0.52}$$

$$= \frac{6x^2 + 0^2}{(6x)^2 + 0^2}$$

$$= \frac{6x}{6x} = \frac{1}{2}$$

55. 11) The isolates will be HCF of $300 = 2 \times 3 \times 5^2$ and $300 = 2 \times 3 \times 5^2$

200/300 = 1

$$\frac{200}{300} = \frac{2}{3}$$

$$\frac{10}{15} = \frac{2}{3}$$

$$\frac{1}{3} = \frac{1}{3}$$

$$\frac{1}{3} = \frac{1}{3}$$

Required number = 18

56. 12) The sequence is based on the following pattern:

$$1^2 - 2 = 1 - 2 = -1$$

$$2^2 - 2 = 4 - 2 = 2$$

$$3^2 - 2 = 9 - 2 = 7$$

$$4^2 - 2 = 16 - 2 = 14$$

$$5^2 - 2 = 25 - 2 = 23$$

$$6^2 - 2 = 36 - 2 = 34$$

$$7^2 - 2 = 49 - 2 = 47$$

$$8^2 - 2 = 64 - 2 = 62$$

$$9^2 - 2 = 81 - 2 = 79$$

58. 13) Let required number be x .

According to the question,

$$8(12) - 12x = 60$$

$$\Rightarrow 96 - 12x = 60$$

$$\Rightarrow x = \frac{96 - 60}{12} = 3$$

56. 13) Distance = 30×100

$$= 300$$

Avg. Speed = $2 \times \text{Distance}$

$$\therefore \text{Speed} = \frac{300}{2} = 150$$

Efficiency = Output / Capacity

∴ Efficiency

$$= 150 \times 400 / 60 = 10000$$

58. 13) Let the number of boys and girls in the class be x and y respectively.

$$60x + 10y = 60x + y$$

$$\Rightarrow 60x + 10y = 60x + 10y$$

$$\Rightarrow 10y = 120$$

$$\Rightarrow y = 12$$

Required percentage

$$= \frac{x}{x+y} \times 100 = \frac{x}{x+12} \times 100$$

$$= \frac{3x}{2x+24} \times 100 = \frac{3}{5+12} \times 100 = 60$$

59. 13) Let, number of boys be x .

$$x + \frac{120}{100}x = 90 \Rightarrow x = \frac{90}{\frac{110}{100}} = 90$$

$$= \frac{900+90}{11} = 90$$

∴ Number of girls

$$= 90 - 30 = 60$$

$$\therefore \text{New Ratio} = 60 : 60 + 40$$

$$= 60 : 100 = 3 : 5$$

56. 11) In reference

$$= \frac{20}{100+10} \times 100 = \frac{20}{110} \times 100 = 18.18$$

59. 13) $\frac{2x - 6}{6} = \frac{1}{2}$

$$\Rightarrow 2x - 6 = 3 \Rightarrow 2x = 9$$

$$\Rightarrow x = \frac{9}{2} = 4.5$$

60. 13) $\frac{x}{6} + \frac{x}{4} = \frac{1}{7} + \frac{1}{2}$

$$= \frac{2x}{12} + \frac{3x}{12} = \frac{2}{14} + \frac{7}{14}$$

$$= \frac{5x}{12} = \frac{9}{14} \Rightarrow x = \frac{108}{70} = \frac{54}{35}$$

61. 13) Let the incomes of two persons A and B be Rs. 20000 and Rs. 25000 respectively. Again let the per

per cent increase of A and B be x and y respectively.

$$\therefore 20000 + 20000 \times x = 25000$$

$$\therefore 20000 + 20000x = 25000$$

$$\therefore 20000x = 5000 \Rightarrow x = 25$$

$$\therefore 25000 + 25000 \times y = 30000$$

$$\therefore 25000 + 25000y = 30000 \Rightarrow y = 20$$

∴ Required answer = 20

61. 13) Let the incomes of two persons A and B be Rs. 20000 and Rs. 25000 respectively. Again let the per cent increase of A and B be x and y respectively.

$$\therefore 20000 + 20000 \times x = 25000$$

$$\therefore 20000 + 20000x = 25000$$

$$\therefore 20000x = 5000 \Rightarrow x = 25$$

$$\therefore 25000 + 25000 \times y = 30000$$

$$\therefore 25000 + 25000y = 30000 \Rightarrow y = 20$$

$$\therefore \text{Required answer} = 20$$

62. 13) Let the incomes of two persons A and B be Rs. 20000 and Rs. 25000 respectively. Again let the per cent increase of A and B be x and y respectively.

$$\therefore 20000 + 20000 \times x = 25000$$

$$\therefore 20000 + 20000x = 25000$$

$$\therefore 20000x = 5000 \Rightarrow x = 25$$

$$\therefore 25000 + 25000 \times y = 30000$$

$$\therefore 25000 + 25000y = 30000 \Rightarrow y = 20$$

$$\therefore \text{Required answer} = 20$$

63. 13) $100 \times 10000 = \frac{3}{5} \times \frac{3}{5} \times \frac{3}{5}$

= 9 : 80 : 80

Ratio of income

$$= 9 \times 20 : 80 \times 20 : 80$$

= 18 : 160 : 160

$$= \frac{18}{160} \times 54000 = \text{Rs. } 3600$$

64. 13) Case I.

$$P : Q : R = \frac{3}{3} : \frac{3}{3} : \frac{3}{3}$$

= 3 : 3 : 3

Case II.

$$P : Q : R = 3 : 3 : 3 : 4$$

Clearly, R will gain

65. 13) Total time = 12 days + 10 days
= 22 days

$$= 22 \times 30 = 660 \text{ hours}$$

∴ 120 hours = $\frac{120}{660} \text{ year}$

$$= \frac{TBOD \times 120 \times 2}{365 \times 120} \approx \text{Rs. } 120$$

66. 13) Let the marks be P , Q ,

$$= 2000 + \left(1 + \frac{5}{20}\right)^2 P$$

$$= 2000 + \left(1 + \frac{1}{4}\right)^2 P$$

$$= 2000 + 4 \left(\frac{25}{16}\right) P$$

$$\begin{array}{cccc}
 2 & 3 & 7 & 3 \\
 A & 11 & 2 & 13 + C \\
 8 & 12 & 14 & 10 \\
 10 & 14 & 1 & 14 + 5 \\
 12 & 18 & 2 & 24 \\
 9 & 15 + 2 & 15 + 3 & 15 + 3
 \end{array}$$

$$\begin{array}{cccc}
 18 & 19 & 22 & 17 \\
 D = 10 - 15 + 5 & 10 + 5 - 10 + 11
 \end{array}$$

24. (D) 61 is a perfect square.

25. In all other figures the bigger and smaller shaded triangles are similar.

26. 10 hours divided by 4 days gives 2.5

$$\text{so } 2.5 \times 60 = \frac{3}{1} \times 60$$

Four blocks of 6 hours each, so 1.5

$$= \frac{3}{2} \times \frac{5}{2}$$

Five blocks of 12 hours each,

$$= \frac{1}{3} + \frac{1}{3} + \frac{4+5}{30} = \frac{11}{30}$$

or 11/30 of 6000 C is equal to 2200.

Part of each rectangle is 1 hour

$$= \frac{1}{4} + \frac{1}{10} + \frac{1}{2}$$

$$= \frac{13-4-3}{30} = \frac{1}{30}$$

So $\frac{1}{30}$ part will be equal to one

$$\frac{11}{30} \times 10 = \frac{11}{3} \text{ hours}$$

i.e. in 10 hours 11/3 hours

i.e. in 15 hours 11 hours

$$\begin{array}{l}
 \text{27. } 111 \text{ C.P. of sugar} = \frac{100}{120} \times 300 \\
 = 83.33
 \end{array}$$

$$1000 = 2000 - 300 = 1600 \text{ kg}$$

28. (C) Let the length of the train be x m.

When the train crosses man,

$$\text{speed} = \frac{x}{30}$$

When the train crosses platform,

$$\text{speed} = \frac{x+200}{300}$$

$$= \frac{x+200}{300}$$

$$= 200 + 60 = 260$$

$$= 260 \times 60 = 15600$$

so $15600 = 2100$

$$2100 = \frac{300x}{300} = 300 \text{ m/sec}$$

29. (B) Let the speed of boat in still water = x kmph and that of current = y kmph

$$x+y = 8$$

$$x-y = 2$$

$$x+y = 8$$

$$x-y = 2 \Rightarrow 2x = 10 \\ \Rightarrow x = 5$$

30. (E) $\frac{4}{5} \times 1000$ litres = 800 litres

$$= \frac{1}{3} \text{ usual time} + 2$$

\therefore Usual time = 8 + 3 = 11 hours

31. (D) Length of wire = $\frac{22}{7} \times 42$

$$= 168 \text{ cm}$$

Let the length of rectangle is the same (because it is given)

$$= 8 \text{ cm} \times 14 \text{ cm} = 112 \text{ cm}$$

$$= 112 \times 112 = x \times \frac{100}{25} = 400$$

\therefore Length of rectangle = 220 cm and breadth = 40 cm

$$\therefore \text{Area of rectangle} = 22 \times 40 = 880 \text{ cm}^2$$

32. (E) Let the length and breadth of rectangle be x and y m, respectively.

According to the condition,

$$2(x+y) = 300$$

$$\Rightarrow x+y = \frac{300}{2} = 150 \text{ m} \quad \dots (i)$$

Perimeter of rectangle = 300 m.

$$\therefore \text{Area of square} = \frac{150}{4} \times 150 \text{ m}^2$$

Now,

Area of rectangle = xy .

Area of square = x^2 .

$$= 45 \times 45 = 2025 \text{ m}^2$$

Thus,

$$1500 - xy = 2025$$

$$\Rightarrow xy = 1500 - 2025 = -525$$

Now,

$$(x+y)^2 = x^2 + y^2 - 2xy$$

$$= 150^2 - 4 \times 525$$

$$= 22500 - 2100 = 20400$$

$$\Rightarrow x^2 + y^2 = \sqrt{20400} = 142$$

From equations (i) and (ii),

$$xy = 1500$$

$$\Rightarrow x = \frac{1500}{y} = 150 \text{ m}$$

33. The area required and area required of straight are the area of the acute base, area of right angle and areas of two obtuse angles. Let the side be a m.

$$\begin{array}{c}
 \text{Area of triangle} = \frac{a^2}{4} \cdot 4 \\
 \text{Area of triangle} = \frac{a^2}{2} \cdot 2
 \end{array}$$

34. (D) Let $0.72 = x$ and $0.27 = y$

$$\text{Expression} = \frac{x^2 + y^2}{(x^2 - y^2) - 100}$$

$$= \frac{0.72 - 0.27 + 0.72 + 0.27}{0.72^2 - 0.27^2 - 100} \\ = 0.72 + 0.27 + 0.27 = 1.26$$

$$= 0.72 + 0.27 + 0.27 = 1.26$$

35. (D) Let p and q be the numbers for x and y when $x = p$ and $y = q$. According to the question,

$$\begin{array}{l}
 x-p = 3 \\
 y-q = 20 \\
 xy = 120 \text{ or } p-q = 120
 \end{array}$$

$$\begin{array}{l}
 xy = 120 \text{ or } \frac{3}{q} = \frac{120}{p} \\
 \Rightarrow pq = 360 \text{ or } p = \frac{360}{q}
 \end{array}$$

$$\begin{array}{l}
 \Rightarrow q = 15 \text{ or } p = 24 \\
 \text{Adding equations (i) and (ii)} \\
 360 = 120 + q + 24 + 120 = 360
 \end{array}$$

36. (D) Total number = 40000/1000
 $= 40000/1000 = 400$

37. (A) The required number is x and y , where x and y are the primes.

$$\begin{array}{l}
 2000 \times 2000 = 200 \times 200 \\
 \Rightarrow xy = 200 \times 200 = 40000
 \end{array}$$

$$\begin{array}{l}
 \Rightarrow xy = 200 \times 200 = 40000 \\
 \Rightarrow xy = 200 \times 200 = 40000
 \end{array}$$

$$\begin{array}{l}
 \Rightarrow xy = 200 \times 200 = 40000 \\
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 \end{array}$$

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 \end{array}$$

$$\begin{array}{l}
 \Rightarrow xy = 200 \times 200 = 40000 \\
 \Rightarrow xy = 200 \times 200 = 40000
 \end{array}$$

$$\begin{array}{l}
 \Rightarrow xy = 200 \times 200 = 40000 \\
 \Rightarrow xy = 200 \times 200 = 40000
 \end{array}$$

$$\rightarrow x = \frac{1000 \times 25}{25} = 250$$

→ Rs. 250/-

- Q66. (d) Let P be the principal and R% be the rate of interest.

$$\therefore 0.1 = \frac{P \times 0.5}{100} = \frac{P}{20}$$

Accomplishing the equation,

$$\frac{P}{20} = \left(P + \frac{P}{20} \right) = \frac{P}{5}$$

$$\Rightarrow \frac{P}{10} = \left(2 + \frac{P}{10} \right) = \frac{P}{5}$$

$$\Rightarrow \frac{P}{10} = \frac{2}{5} + \frac{P}{50}$$

$$\Rightarrow \frac{P}{50} = \frac{2}{5} = \frac{2}{5}$$

$$\Rightarrow \frac{P}{50} = \frac{2}{5} = \frac{2}{5}$$

$$\Rightarrow \frac{P}{50} = \frac{2}{5} = \frac{2}{5}$$

$$\therefore P = \frac{50 \times 2}{5} = 20 = \frac{20}{5}$$

- Q67. (d) Market price = Rs. 200
After 20% discount

$$S.P. = \frac{80}{100} \times 100 = \text{Rs. } 160$$

Let other dimension = x m.

$$\frac{300 - 40}{190} \times 160$$

$$\rightarrow 150/40 = \frac{16000}{144}$$

$$\rightarrow 150 = 16000/144$$

$$\rightarrow 150 = 16000/144 = 12$$

- Q68. (c) Let the cost price of article = Rs. x

$$\therefore 1000 = \frac{90}{100} = \frac{120}{x}$$

$$\therefore 400 = \frac{60}{5}$$

$$\therefore x = \frac{600 \times 5}{10} = \text{Rs. } 300$$

- Q69. (c) Work done by (x + 50) in 1 day

$$= \frac{1}{30}$$

Work done by (x + 10) in 1 day

$$= \frac{1}{30}$$

Work done by (x + 10) in 2 days

$$= \frac{1}{15}$$

On solving,

Work done by (x + 10) = 12 days

$$= \frac{1}{30} + \frac{1}{30} = \frac{1}{15}$$

$$= \frac{2+3+4}{90} = \frac{9}{90} = \frac{1}{10}$$

∴ Work done by (x + 10) = 12 days

$$x = \frac{3}{10}$$

∴ (x + 10) will do the work in

$$= \frac{10}{3} = 12\frac{1}{3}$$

days

- Q70. (c) Work done by 12 men in 6

$$days = \frac{1}{2}$$

Remaining work

$$= 1 - \frac{1}{2} = \frac{1}{2}$$

6 men have the work,

$$= \frac{1}{6} \times 12 = \frac{12}{6} = 2$$

= 12 days

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Q71. (c) August Month

Q72. (d) Particular

Q73. (c) Rs. 50

Q74. (d) North and South Atlantic

Q75. (d) Action Games

Q76. (d) Alcohol

Q77. (d) China

Q78. (d) Magazines business

Q79. (d) A set of ingots

Q80. (d) Diamonds

Q81. (d) Diamonds

Q82. (d) Point-to-point having
Q83. (d) Setting of govt-aided executive
by the Government

Q84. (d) Fluidity

Q85. (d) Tropical National Park

Q86. (d) a b c d

3 4 1 2

Q87. (d) Classified by Government
Announcements

Q88. (d) Monsoon Rainy Month

Q89. (d) condition and cause

Q90. (d) tree

Q91. (d) Diamond

Q92. (d) Copper

Q93. (d) Unbiased

Q94. (d) Structure of bacteria and vi-

ruses

Q95. (d) Oxidation

Q96. (d) Group Four

Q97. (d) Avocados

Q98. (d) Green

Q99. (d) World Bank (IBRD)

Q100. (d) Troposphere

Q101. (d) An agency for sale-training of
HOTELERS

Q102. (d) Mahakal

Q103. (d) Mountain

Q104. (d) Hymen

Q105. (d) Three-seed mosses generally
require moist properties to prevent
water evaporation

Q106. (d) April 1st

Q107. (d) Chrysanthemum

Q108. (d) a b c d

4 3 2 1

Q109. (d) Protein

Q110. (d) Alladi Krishnaswamy Appa

Q111. (d) Dr. L.S. Amritalal

Q112. (d) It fulfills all the facilities
the rights of some groups of per-

son

Q113. (d) Home

Q114. (d) Process Diana

Q115. (d) All the above

Q116. (d) no

Q117. (d) PMS

Q118. (d) Prabhatika

Q119. (d) Union and financial aspects

Q120. (d) Janata

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