

10. (a) improving (b) be improved
(c) to improve (d) have improved

Directions (Q. Nos. 11-15) *In the questions given below, there are four different words out of which one is correctly spelt. Find the correctly spelt word.*

11. (a) Efflorescence (b) Eflorescence
(c) Efflorrescence (d) Eflorescence
12. (a) Liaission (b) Liaison
(c) Lieaison (d) Liaaison
13. (a) Entreepreneur (b) Entpreeneur
(c) Entrepreneur (d) Entreppeneur
14. (a) Equanemity (b) Equaninity
(c) Equamimity (d) Equanimity
15. (a) Embarrassment (b) Embarassment
(c) Embarrasment (d) Embarasment

Directions (Q. Nos. 16-20) *In these questions out of the four alternatives choose the one which can be substituted for the given words / sentences.*

16. A group of three books, films etc, that have the same subject or characters.
(a) Trinity (b) Trilogy
(c) Trio (d) Tripod
17. A study of the human race.
(a) Anthropology (b) Archaeology
(c) Ethnology (d) Etymology
18. A remedy for all diseases is
(a) Stoic (b) Marvel
(c) Panacea (d) Recompense
19. A place where treasures of art, curios are preserved or exhibited.
(a) Museum (b) Stable
(c) Library (d) Studio
20. Associated with God or religion.
(a) Humbly (b) Holy
(c) Virtuous (d) Godly

Directions (Q.Nos. 21-23) *In these questions choose the opposite word in meaning to the given word.*

21. Hasten
(a) Dash (b) Dawdle
(c) Hurry (d) Scurry
22. Spirited
(a) Animated (b) Excited
(c) Lively (d) Dull
23. Forthright
(a) Blunt (b) Tricky
(c) Candid (d) Plainspoken

Directions (Q.Nos. 24 and 25) *In these questions out of the four alternatives, choose the one which best expresses the meaning of the given word.*

24. Right
(a) Correct (b) Marked (c) Straight (d) Finished
25. Apprehended
(a) Understood (b) Arrested
(c) Feared (d) Questioned
26. Who got Nobel Prize for 'The Old Man and the Sea'?
(a) Ernest Hemingway (b) Satyajee Ray
(c) Rabindra Nath Tagore (d) Ruskin Bond
27. Michael Ferreira is related to which of the following sports?
(a) Cricket (b) Golf
(c) Hockey (d) English Billiards
28. Which of the following is India's first indigenously developed nuclear powered submarine?
(a) INS Vikrant (b) INS Trikhand
(c) INS Arihant (d) INS Sindhurakshak
29. Thomas cup is associated with
(a) Hockey (b) Badminton
(c) Kabaddi (d) Table Tennis (Women)
30. Sattriya dance originated in
(a) Assam (b) Andhra Pradesh
(c) Rajasthan (d) Gujarat
31. Which of the following is home base of the aircraft carrier INS Vikramaditya?
(a) Visakhapatnam (b) Cochin
(c) Karwar (d) Jamnagar
32. Who is the defence secretary during Indo-China war in 1962?
(a) Sanjay Mitra (b) V.K. Krishna Menon
(c) V.K. Singh (d) Govind Narain
33. The accounting year of Reserve Bank of India runs from
(a) April to March (b) July to June
(c) January to December (d) August to July
34. Agricultural commodities, are graded with
(a) ISI (b) Eco-products
(c) AGMARK (d) Green product
35. The book titled 'The Indian War of Independence' was written by
(a) Krishna Verma (b) Madame Cama
(c) B G Tilak (d) V D Savarkar
36. Who won the Nobel Peace Prize for 2016?
(a) Juan Manuel Santos (b) Tawakkol Karman
(c) Al Gore (d) Kailash Satyarthi
37. Who is rightly called the 'Father of Local Self Government' in India?
(a) Lord Mayo (b) Lord Ripon
(c) Lord Curzon (d) Lord Clive

38. Razia Sultan belonged to which of the following dynasty?
 (a) Slave Dynasty (b) Maurya Dynasty
 (c) Khilji Dynasty (d) Koravi Dynasty

39. Which is the second nearest star to the Earth after the Sun?
 (a) Vega (b) Sirius
 (c) Proxima Centauri (d) Alpha Centauri

40. Which is an extra-constitutional body?
 (a) Language Commission (b) Planning Commission
 (c) Election Commission (d) Finance Commission

41. Which of the following states won Vijay Hazare Trophy 2016-2017?
 (a) Tamil Nadu (b) Bengal
 (c) Madhya Pradesh (d) Mumbai

42. Which is not an All India Service?
 (a) Indian Administrative Service
 (b) Indian Police Service
 (c) Indian Foreign Service
 (d) Indian Forest Service

43. Hiuen Tsang visited India during the reign of
 (a) Chandra Gupta I (b) Chandra Gupta II
 (c) Harshavardhana (d) Rudradaman

44. The call of 'Back to the Vedas' was given by
 (a) Swami Vivekananda
 (b) Swami Dayanand Saraswati
 (c) Aurobindo Ghosh
 (d) Raja Ram Mohan Roy

45. The commando unit of the Indian Air force is named
 (a) Baaz (b) Garvd
 (c) MARCOS (d) Ghatak

46. The monetary policy in India is formulated by
 (a) Central Government
 (b) Industrial Financial Corporation of India
 (c) Reserve Bank of India
 (d) Industrial Development Bank of India

47. What is the capital of Uzbekistan?
 (a) Dushanbe (b) Damascus (c) Tashkent (d) Bishkek

Directions (Q.Nos. 48-50) In the following questions, complete the series.

48. Z, ?, T, Q, N
 (a) X (b) W (c) V (d) T

49. A, I, P, V, A, ?
 (a) F (b) D (c) E (d) G

50. YEB, WFD, UHG, SKI, ?
 (a) QOL (b) POL (c) QLO (d) LOQ

51. In a certain code FORGET is written as DPPHCU. How would DOCTOR be written in that code?
 (a) BPAUPS (b) BPAUMS (c) EMDRPP (d) EMDRPD

52. If rat is called dog, dog is called mongoose, mongoose is called lion, lion is called snake and snake is called elephant, which is reared as a pet?
 (a) Rat (b) Dog
 (c) Mongoose (d) Lion

Direction (Q.No. 53) Two statements are given followed by two Conclusions I and II. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of the given conclusions, if any, follow from the given statements. Indicate your answer.

53. Statements

All animals are dogs. All dogs are birds.

Conclusions

- I. All animals are birds. II. All birds are animals.
 (a) Only Conclusion I follows
 (b) Only Conclusion II follows
 (c) Both Conclusions I and II follow
 (d) Neither Conclusion I nor II follows

Directions (Q.Nos. 54 and 55) In each question below is given a statement followed by two Assumptions I and II. You have to consider the statement and the following assumptions and decide which of the assumptions is implicit in the statement.

Give answer

- (a) Only I is implicit (b) Only II is implicit
 (c) Neither I nor II is implicit (d) Both I and II are implicit

54. **Statement** Railway authority has started internet booking facility of long-distance trains and also delivering the tickets at the doorstep through courier service at a little extra cost.

Assumptions

- I. Many customers may now book their tickets through internet, resulting into less crowd at ticket booking offices.
 II. Most of the customers may still buy their railway tickets at the booking counters.

55. **Statement** Many people fell ill after consuming meal at a wedding reception and were rushed to the nearby Government and private hospitals.

Assumptions

- I. The relatives of the affected people may refuse to take them to the Government hospitals.
 II. The nearby hospitals may be able to attend to all the affected people.

Directions (Q.Nos. 56-58) Each of the following questions has four statements. Three are incorrect. Choose the statement which is logically correct.

56. (a) All chances are fakes. No chance are genuine. Therefore, all fakes are genuine.
 (b) Some papers are white. All white are brown. Therefore, all brown are white.

- (c) Some goats are lambs. All kids are lambs. Therefore, some goats are kids.
 (d) Some cuts are dabs. No dabs is pricks. Therefore, some dabs are cuts.

57. (a) No trees are decorations. Some trees are decorated. Therefore, no decorated are decorations.
 (b) All men lie. Only liars are welcome. Therefore, all men are welcome.
 (c) Some robots fly. All birds fly. Therefore, some birds are robots.
 (d) Some tablets are round. Some tablets are oval. Therefore, all tablets are oval.
58. (a) All books are friends. All friends are dangerous. Therefore, all dangerous are books.
 (b) All tables are ants. Some chairs are ants. Therefore, all ants are tables.
 (c) No man is a monkey. John is a man. Therefore, John is not a monkey.
 (d) All birds are parrots. Manish is a parrot. Therefore, Manish is a bird.

Directions (Q. Nos. 59-62) Choose the word which is least like the other words in the group.

59. (a) Chemistry (b) Physics
 (c) Botany (d) Geography
60. (a) Tomato (b) Potato
 (c) Cucumber (d) Peas
61. (a) Seal (b) Scorpion (c) Fish (d) Cat
62. (a) Zinc (b) Iron
 (c) Aluminium (d) Mercury

Directions (Q.Nos. 63-67) The following questions consist of two words that have a certain relationship to each other, followed by four alternatives. Select the best alternative that has same relationship as the original pair of words.

63. Behead : Guillotine :: ?
 (a) Polish : Nail (b) Perfect : Picture
 (c) Thief : Prison (d) Hang : Gallows
64. Graphite : Lubricant :: ?
 (a) Movement : Friction (b) Iron : Steel
 (c) Wool : Cloth (d) Diamond : Abrasive
65. Money : Transaction :: ?
 (a) Life : Death (b) Water : Drink
 (c) Ideas : Exchange (d) Language : Conversation
66. Abrupt : Gradual :: ?
 (a) Barren : Fertile (b) Reverse : Backward
 (c) Motion : Forward (d) Agile : Calm
67. Jute : Sack :: ?
 (a) Shoe : Sock (b) Wool : Sweater
 (c) Cotton : Fibre (d) Mill : Cloth

Directions (Q. Nos. 68-70) There is certain relationship between two given words on one side of (: :) and one word is given on another side of (: :) while another word is to be found from the given alternatives, having the same relation with this word as the given pair has. Select the best alternatives / relationship.

68. Iran : Majlis :: Finland : ?
 (a) Eduskunta (b) Helsinki
 (c) Congress (d) Vantaa
69. Oil : Seed :: Butter : ?
 (a) Cow (b) Curd (c) Milk (d) Amul
70. Horse : Foal :: Dog : ?
 (a) Calf (b) Bitch (c) Jenny (d) Whelp
71. Velocity of a man in steady water is 4.5 kmph. Velocity of the stream is 1.5 kmph. If he goes upstream and come back. What is the average velocity?
 (a) 4 kmph (b) 5 kmph (c) 6 kmph (d) 7 kmph
72. Ratio of boys and girls in a school is 3:2. 20% boys and 25% girls have scholarships. What is the total percentage of students who have scholarship?
 (a) 21 (b) 22 (c) 23 (d) 24
73. A is thrice efficient than B. A takes 40 days less than B to complete a work. If they both work together, how many days it will take to finish the work?
 (a) 10 (b) 25 (c) 15 (d) 20
74. 40% of a number, exceeds 25% of it by 45. What is the number?
 (a) 150 (b) 320 (c) 250 (d) 300
75. There are 15 students whose average increases by 1.5 kg, when a member of 40 kg was replaced by another one. What is his weight?
 (a) 62.5 kg (b) 60 kg (c) 61 kg (d) 58.5 kg
76. A train takes 18 sec to cross a man running at a speed of 6 km/sec in the same direction of the train. How much time it takes to cross a person running at 9 km/s in the same direction of the train?
 (a) 15 sec (b) cannot be determined
 (c) 18 sec (d) 20 sec
77. $\frac{1}{5}$ th tank is full and if 22 litre fuel poured in then $\frac{3}{4}$ th tank is full. Find the capacity of tank?
 (a) 30 litres (b) 60 litres (c) 40 litres (d) 20 litres
78. A person distributes his pens among four friends A, B, C and D in the ratio $\frac{1}{3} : \frac{1}{4} : \frac{1}{5} : \frac{1}{6}$. What is the minimum number of pens the person should have?
 (a) 60 (b) 120 (c) 180 (d) 240
79. Four horses are tethered at 4 corners of a square field of side 70 m so that they just cannot reach one another. The area left ungrazed by the horses is
 (a) 1050 m² (b) 3850 m² (c) 950 m² (d) 1075 m²

80. The ratio between boys and girls in a school is 4 : 6 respectively. If the number of boys is increased by 200 the ratio becomes 5 : 6 respectively. How many girls are there in the school?

- (a) 1200 (b) 800
(c) 1000 (d) Cannot be determined

81. A man whose bowling average is 12.4 takes 5 wickets for 26 runs and thereby decreases his average by 0.4. The number of wickets taken by him before his last match, is

- (a) 85 (b) 78 (c) 72 (d) 64

82. The length and breadth of a square are increased by 30% and 20% respectively. The area of the rectangle so formed exceeds the area of the square by

- (a) 20% (b) 36% (c) 50% (d) 56%

83. The ratio of father's age to his son's age is 7 : 3. The product of their age is 756. The ratio of their ages after 6 yr will be

- (a) 2 : 1 (b) 5 : 2 (c) 11 : 7 (d) 13 : 9

84. The simplified value of $\frac{112}{\sqrt{196}} \times \frac{\sqrt{576}}{12} \times \frac{\sqrt{256}}{8}$ is

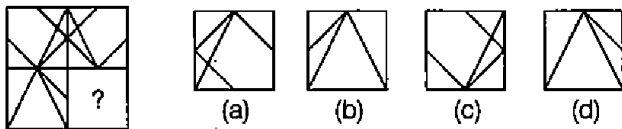
- (a) 12 (b) 8 (c) 16 (d) 32

85. A, B and C can do a piece of work in 20, 24 and 30 days, respectively. They undertook to do the piece of work for ₹ 5400. They begin the work together but B left 2 days before the completion of work and C left 5 days before the completion of work. The share of A from the assured money is

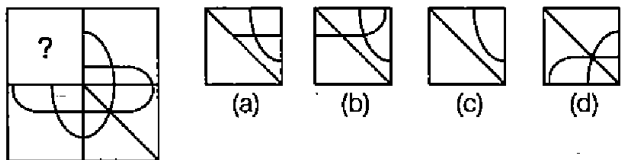
- (a) ₹ 2700 (b) ₹ 540 (c) ₹ 1800 (d) ₹ 600

Directions (Q. Nos. 86-89) In these tests you will find an question figure and four answer figures. You have to select one diagram from the answer figures which fits into the blank column in question figure in order to complete it.

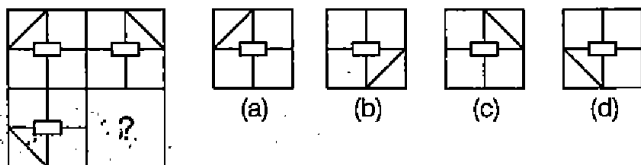
86. Question Figure Answer Figures



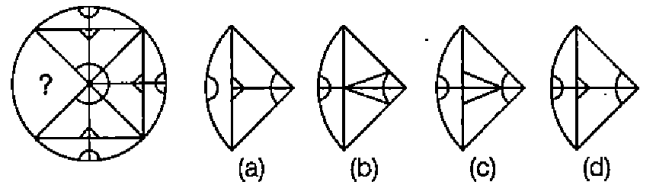
87. Question Figure Answer Figures



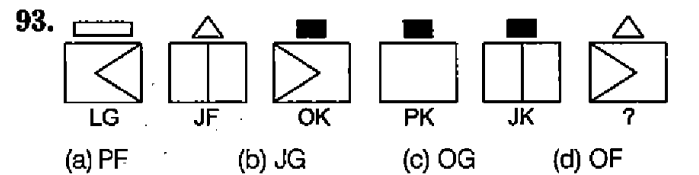
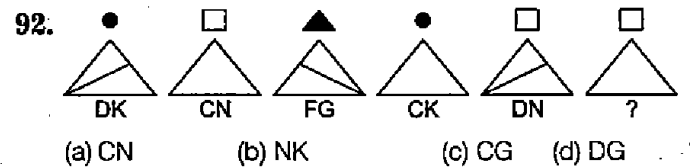
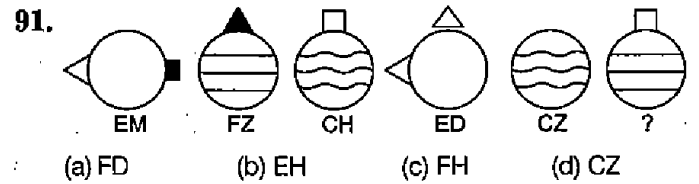
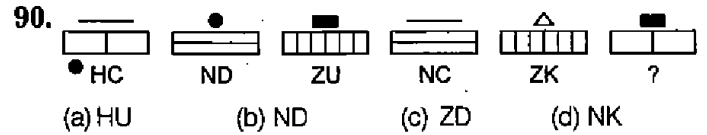
88. Question Figure Answer Figures



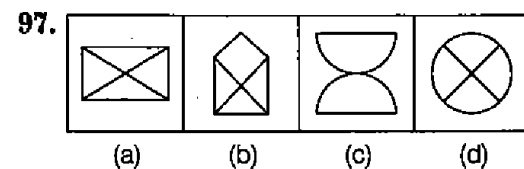
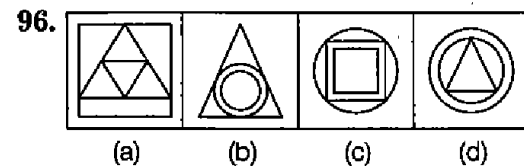
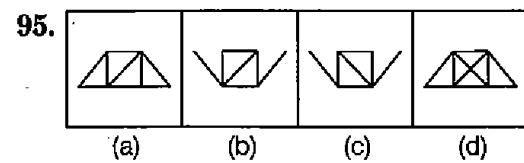
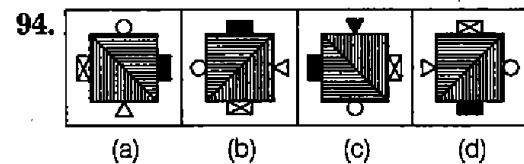
89. Question Figure Answer Figures



Directions (Q. Nos. 90-93) In these tests find which code matches the shape or pattern given at the end of each question.

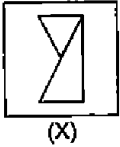


Directions (Q. Nos. 94-97) In these tests, find the odd figure out.

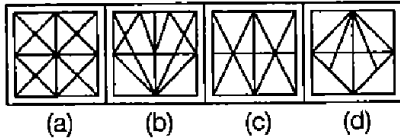


Directions (Q. Nos. 98-100) In these test figure (X) is hidden in the option figures. Find the correct option.

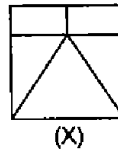
98. Question Figure



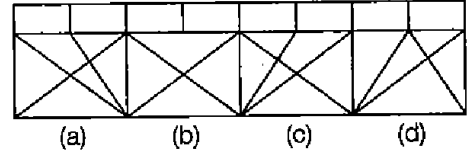
Answer Figures



99. Question Figure



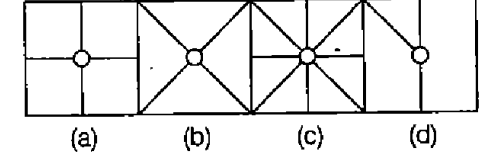
Answer Figures



100. Question Figure



Answer Figures

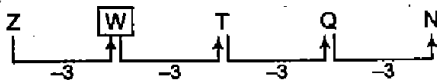


Answers

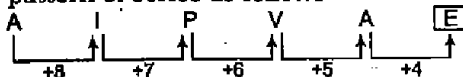
1.	(b)	2.	(b)	3.	(c)	4.	(c)	5.	(a)	6.	(c)	7.	(d)	8.	(a)	9.	(d)	10.	(c)
11.	(a)	12.	(b)	13.	(c)	14.	(d)	15.	(a)	16.	(b)	17.	(a)	18.	(c)	19.	(a)	20.	(b)
21.	(b)	22.	(d)	23.	(b)	24.	(a)	25.	(a)	26.	(a)	27.	(d)	28.	(c)	29.	(b)	30.	(a)
31.	(c)	32.	(b)	33.	(a)	34.	(c)	35.	(d)	36.	(a)	37.	(a)	38.	(a)	39.	(c)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

Hints and Solutions

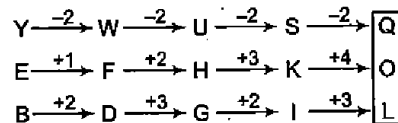
- The correct spelling is 'Efflorescence'.
- The correct spelling is 'Liaison'.
- 'The Indian War of Independence' was written by VD Savarkar. He was an extremist leader.
- The Sun is the nearest star to the Earth. Proxima Centauri is the second nearest star to the Earth after the Sun.
- Planning Commission is an extra-constitutional body, which was formed with a parliamentary ordinance in 1951.
- Chinese pilgrim, Hieun Tsang (Prince of Travelers) visited India during the reign of Harshavardhana.
- The call of 'Back to Vedas' was given by Swami Dayanand Saraswati. He founded the Arya Samaj in 1875.
- The pattern of series are as follows.



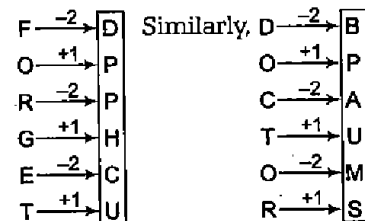
- The pattern of series as follows



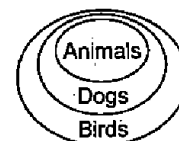
- The pattern of series are as follows



- As,



- We know that dog is reared as a pet but in question dog is called as mongoose. Hence, mongoose is reared as a pet.
- According to the statements, venn diagram is



Conclusions

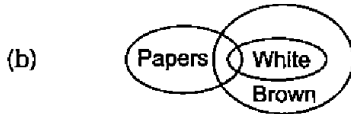
I. ✓ II. ✗

Hence, only Conclusion I follows from the statements.

54. Assumption I is implicit because it serves the purpose of starting internet booking facility.
Assumption II is not implicit because it is irrelevant.
55. Assumption I is not implicit because it is vague.
Assumption II is implicit because it follows from the given statement and positively assumed (Positive thinking).



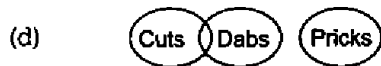
So, we cannot say all takes are genuine.



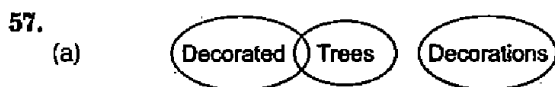
So, we cannot say all brown are white.



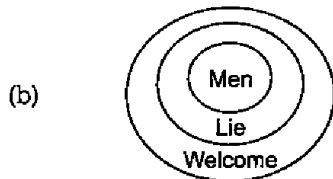
So, we cannot say some goats are kids.



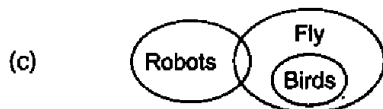
So that some dabs are cuts.



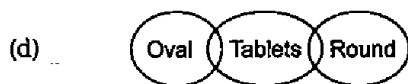
So, we cannot say that no decorated are decorations.



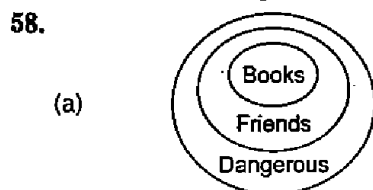
So, all men are welcome



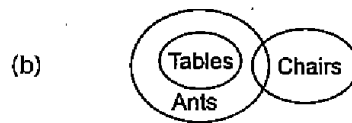
So, we cannot say that some birds are robots.



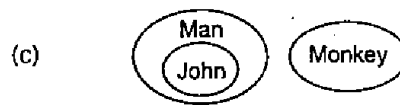
So, we cannot say that all tablets are oval.



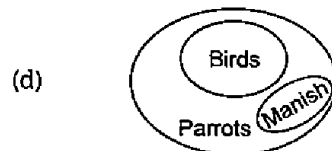
So, we cannot say that all dangerous are books.



So, we cannot say that all ants are tables.



So, John is not a monkey.



So, we cannot say that Manish is a bird.

61. All except Seal are creatures related to signs of zodiac.

62. Mercury is the only liquid metal in the group.

71. According to the question,

$$\begin{aligned} \therefore \text{Average velocity} &= \frac{\text{Total distance}}{\text{Total time}} \\ &= \frac{D + D}{\frac{D}{45 + 15} + \frac{D}{45 - 15}} = \frac{2D}{\frac{D}{6} + \frac{D}{3}} = \frac{2D \times 6}{D + 2D} = \frac{12D}{3D} \\ &= 4 \text{ kmph} \end{aligned}$$

72. \therefore Required percentage = $\frac{3x \times 20 + 2x \times 25}{100 + 100} \times 100$

$$= \frac{3}{5} + \frac{1}{2} \times 100 = \frac{6 + 5}{5} \times 100 = 22\%$$

73. Let A can do the work in x days, then B can do the same work in 3x days.

According to the question,

$$\Rightarrow 3x - x = 40 \Rightarrow 2x = 40 \Rightarrow x = 20$$

$$\begin{aligned} \therefore \text{One day work of A and B} &= \frac{1}{x} + \frac{1}{3x} = \frac{1}{20} + \frac{1}{60} \\ &= \frac{3 + 1}{60} = \frac{4}{60} = \frac{1}{15} \end{aligned}$$

Hence, they will complete the work in 15 days.

74. According to the question,

$$\Rightarrow x \times \frac{40}{100} = x \times \frac{25}{100} + 45$$

$$\Rightarrow x \times \frac{40}{100} - \frac{x \times 25}{100} = 45 \Rightarrow \frac{15x}{100} = 45$$

$$\therefore x = 3 \times 100 = 300$$

75. Let the average of 15 students be 'x'.

According to the question,

$$\Rightarrow 15x - 40 + y = 15(x + 15)$$

$$\Rightarrow 15x - 40 + y = 15x + 225 \Rightarrow y = 40 + 225$$

$$\therefore y = 625 \text{ kg}$$

76. Let the speed and length of the train be 'v' km/s and 'd' km/s respectively.

$$v - 6 = \frac{d}{18} \quad \dots (i)$$

$$v - 9 = \frac{d}{t} \quad \dots (ii)$$

Hence, time cannot be determined.

77. Let the capacity of tank be 'x'.

According to the question,

$$\frac{x}{5} + 22 = \frac{3x}{4} \Rightarrow \frac{3x}{4} - \frac{x}{5} = 22 \Rightarrow \frac{15x - 4x}{20} = 22$$

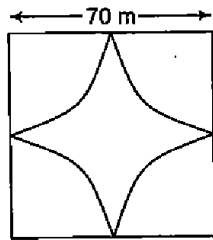
$$11x = 22 \times 20$$

$$x = 40 \text{ liters}$$

78. LCM of 3, 4, 5 and 6 = 60

∴ Required number of pens = 60

79. Area of square = (Side)² = (70)² = 4900 m²



$$\begin{aligned} \text{Grazed area by horses} &= \frac{4 \times \pi r^2}{4} = \frac{22}{7} \times (35)^2 \\ &= \frac{22}{7} \times 35 \times 35 = 3850 \text{ m}^2 \end{aligned}$$

Hence, ungrazed area by the horses

$$= (4900 - 3800) \text{ m}^2 = 1050 \text{ m}^2$$

80. Let the number of boys and girls be 4x and 6x respectively.

According to the question,

$$\frac{4x + 200}{6x} = \frac{5}{6}$$

$$\Rightarrow 5x = 4x + 200 \Rightarrow x = 200$$

Therefore, number of girls = 6x = 6 × 200 = 1200

Short Trick

Ratio

i. Ratio (4 : 6) increasing of boys 200 and ratio increase = equal to 1

ii. Ratio (5 : 6)

$$1 = 200$$

Hence, 6 = 1200

81. Let the number of wickets taken before the last match = x

$$\text{Then, } \frac{(12.4x + 26)}{(x + 5)} = 12 \Rightarrow 12.4x + 26 = 12x + 60$$

$$\Rightarrow 0.4x = 34 \Rightarrow x = \frac{34}{0.4} = \frac{340}{4} = 85$$

Required wickets = 85

82. Let length = x and breadth = y m

$$\text{Area} = (xy) \text{ m}^2$$

$$\text{New length} = \left(\frac{130}{100} x \right) = \frac{13}{10} x \text{ m}$$

$$\text{New breadth} = \left(\frac{120}{100} y \right) = \frac{6}{5} y \text{ m}$$

$$\text{New area} = \left(\frac{13x}{10} \times \frac{6y}{5} \right) = \left(\frac{39xy}{25} \right) \text{ m}^2$$

$$\text{Excess} = \left(\frac{39xy}{25} - xy \right) = \frac{14xy}{25} \text{ m}^2$$

$$\text{Excess percentage} = \left(\frac{14xy}{25} \times \frac{1}{xy} \times 100 \right) \% = 56\%$$

83. Let the common ratio = x

The father's age = 7x, son's age = 3x

Now, from given conditions

$$\Rightarrow 7x \times 3x = 756 \Rightarrow 21x^2 = 756$$

$$\Rightarrow x^2 = \frac{756}{21} = 36 \Rightarrow x = \sqrt{36} = 6$$

∴ Father's age = 7 × 6 = 42 yr

Son's age 3 × 6 = 18 yr

After six year's

Father's age = 42 + 6 = 48 yr

Son's age = 18 + 6 = 24 yr

∴ Required ratio = $\frac{48}{24} = \frac{2}{1} = 2 : 1$

$$\begin{aligned} 84. \frac{112}{\sqrt{196}} \times \frac{\sqrt{576}}{12} \times \frac{\sqrt{256}}{8} &= \frac{112}{14} \times \frac{24}{12} \times \frac{16}{8} \\ &= 8 \times 2 \times 2 = 32 \end{aligned}$$

85. Let the number of days to complete the work be x, then

$$\frac{x}{20} + \frac{x-2}{24} + \frac{x-5}{30} = 1$$

$$\Rightarrow \frac{6x + 5(x-2) + 4(x-5)}{120} = 1$$

$$6x + 5x + 4x = 120 + 10 + 20 \Rightarrow 15x = 150$$

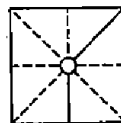
$$\therefore x = 10$$

$$\therefore \text{Work done by A} = \frac{10}{20} = \frac{1}{2}$$

$$\begin{aligned} \therefore \text{Share of A from the assured money} &= \frac{1}{2} \times 5400 \\ &= ₹ 2700 \end{aligned}$$

97. In all others there are four chambers but in option (c) there are only two chambers.

100.



Answer figure (c) is hidden/embedded in the question figure.