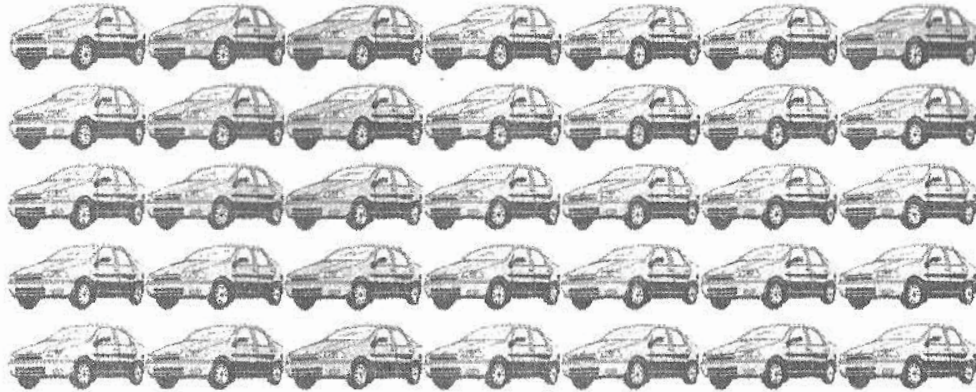


CLASS : IV**MATHEMATICS**

1. Madhuri placed her toy cars in 5 rows, with 7 cars in each row, as shown below.



Which expression can be used to find the total number of toy cars Madhuri has?

- (A) $5 + 7$ (B) $5 + 5 + 5 + 5 + 5$
(C) $7 \times 7 \times 7 \times 7 \times 7$ (D) 5×7
2. Last year, Akshay and Tina read several books. Akshay read 1,864 pages, and Tina read 1,429 pages. What is the total number of pages Akshay and Tina read last year?
- (A) 2,283 (B) 2,293 (C) 3,283 (D) 3,293
3. Sumanth made the Input-Output table below.

Input	Output
4	12
9	27
6	18
8	24

What rule can be used to find each output number?

- (A) Multiply by 3 (B) Divide by 3
(C) Multiply by 4 (D) Divide by 4
4. Which is the same as 30 tens?
- (A) 3 ones (B) 30 ones
(C) 3 hundreds (D) 30 hundreds

5. Which number has the greatest value in the thousands place?
 (A) 12,294 (B) 28,682 (C) 34,971 (D) 50,816
6. Mr. Mahesh bought 102 bottles of water for the cricket team. The water came in cases of 6 bottles of water in each case. Which number sentence can be used to find the number of cases of water Mr. Mahesh bought?
 (A) $6 \times 102 = \square$ (B) $102 \div 6 = \square$ (C) $6 + \square = 102$ (D) $102 - \square = 6$
7. Which kind of numbers, when multiplied together, have a product that is an odd number?
 (A) even \times even \times even (B) even \times even \times odd
 (C) odd \times odd \times odd (D) odd \times odd \times even
8. Which list of numbers shows all the factors of 36?
 (A) 0, 1, 2, 3, 4, 6, 9, 12, 18 (B) 1, 2, 3, 4, 6, 9, 12, 18, 36
 (C) 0, 1, 2, 3, 4, 6, 9, 12, 18, 36 (D) 1, 2, 3, 4, 6, 9, 12, 18, 36, 72
9. The road sign below shows the distance to Airport.



How many metres is it to Airport?

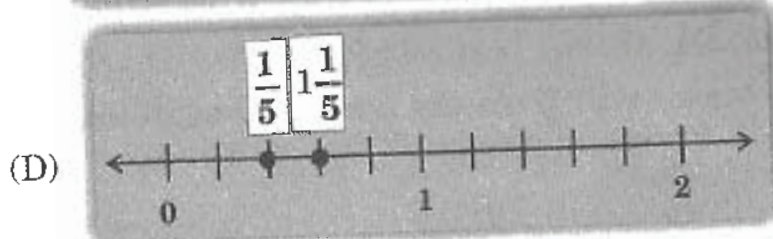
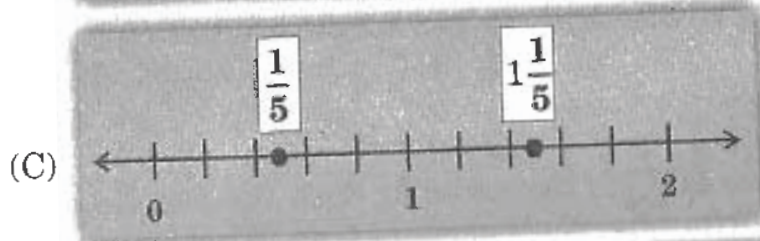
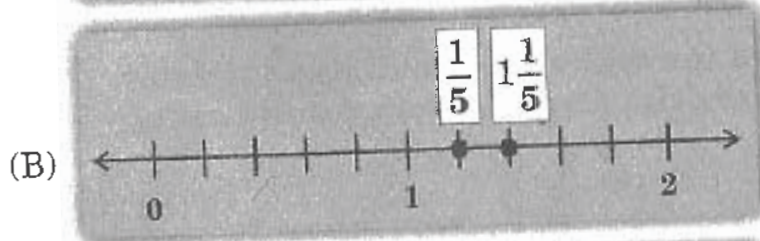
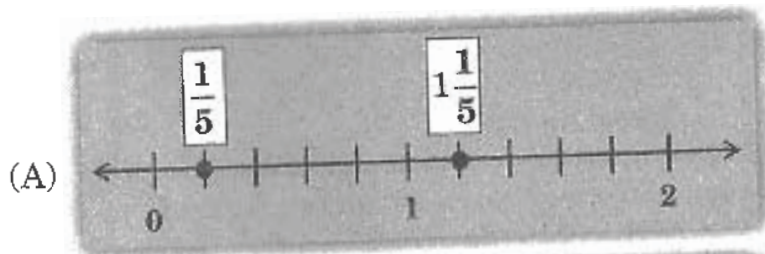
- (A) 12 (B) 120 (C) 1,200 (D) 12,000
10. Harish buys 3 bags of marbles for his fish tank. The table below shows the weight of each bag of marbles.

Bag	Weight (in Kg)
A	4.6
B	5.9
C	4.7

Which expression shows the correct relationship of the weights of the 3 bags of marbles?

- (A) $4.7 < 4.6 < 5.9$ (B) $5.9 < 4.7 < 4.6$
 (C) $5.9 > 4.7 > 4.6$ (D) $4.7 > 4.6 > 5.9$

11. What is the least common multiple of 8 and 10?
 (A) 2 (B) 18 (C) 40 (D) 80
12. Devaki is practicing writing fractions on a number line. Which number line shows the fractions in the correct locations?



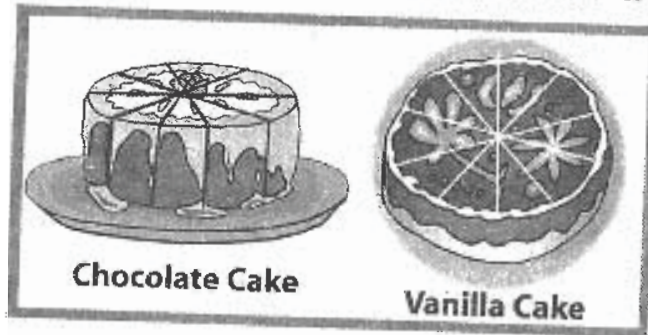
13. All of the numbers Lakshmi wrote in the box shown below are even numbers and multiples of 3.



Which of the following is also an even number and a multiple of 3?

- (A) 13 (B) 21 (C) 26 (D) 30

14. Jahnvi made the cakes shown below for a bake sale.



She sold $\frac{9}{10}$ of the chocolate cake and $\frac{6}{10}$ of the vanilla cake.

Which of the following fractions shows how much more chocolate cake was sold than vanilla cake?

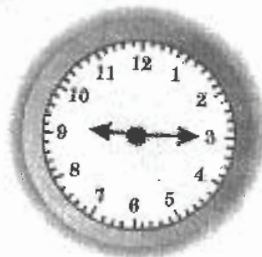
- (A) $\frac{2}{10}$ (B) $\frac{3}{10}$ (C) $\frac{4}{10}$ (D) $\frac{5}{10}$
15. Pradeep wrote the number sentences below.

$$36 = \square \times 4$$

$$\square \times \Delta = 18$$

The value of \square is the same in both the sentences. Both of Pradeep's number sentences are true. What is the value of Δ ?

- (A) 2 (B) 4 (C) 9 (D) 18
16. Three classes will go to the book fair at Delhi. The first class will arrive at the book fair at the time shown on the clock below.



Each class will spend 30 minutes at the book fair and then leave. The second class will arrive at the book fair as the first class leaves, and the third class will arrive as the second class leaves. What time will it be when the third class leaves the book fair?

- (A) 9:45 (B) 10:15 (C) 10:45 (D) 11:15

17. Which of the following decimal numbers is equivalent to $\frac{6}{10}$?
- (A) 0.06 (B) 0.6 (C) 6.0 (D) 6.10
18. Ram has exactly 204 stamps. He has 43 more stamps than Raheem. What is the total number of stamps Raheem has?
- (A) 161 (B) 167 (C) 247 (D) 261
19. Which of the following has the greatest value?
- (A) $(2 \times 1,00,000) + (6 \times 100)$
(B) $(2 \times 1,00,000) + (5 \times 1,000)$
(C) $(3 \times 10,000) + (6 \times 100) + (7 \times 10)$
(D) $(3 \times 10,000) + (5 \times 1000) + (7 \times 10)$
20. The number of people who live in a street is three thousand nine hundred eight. What is another way to write the same number?
- (A) 398 (B) 3,098 (C) 3,908 (D) 3,980
21. Pallavi wrote the expression given below.

$$(9 \times 2) \times 8$$

Which expression is equivalent to Pallavi's expression?

- (A) $9 \times (2 \times 8)$ (B) $9 + (2 + 8)$
(C) $(9 \times 2) + 8$ (D) $(9 + 2) \times 8$
22. Which number belongs on the line below to make the number sentence correct?
- $$4 + 2 > \underline{\quad ? \quad} + 2$$
- (A) 8 (B) 6 (C) 4 (D) 2
23. Last month, 3801 people ate at Hotel Paradise. This month, 2765 people ate at Hotel Paradise. How many more people ate at Hotel Paradise last month than this month?
- (A) 1036 (B) 1044 (C) 1146 (D) 1164

24. The table below shows the different number of boxes that are needed to hold different numbers of jars. Each box holds the same number of jars.

Number of Jars	Number of Boxes
12	2
18	3
24	4
30	5
36	6
42	7

How many jars does each box hold?

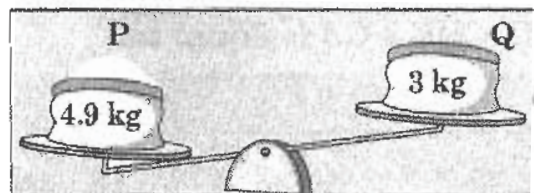
- (A) 12 (B) 10 (C) 8 (D) 6
25. Ashok has the five T-shirts shown below.



What fraction of Ashok's T-shirts are white?

- (A) $\frac{1}{2}$ (B) $\frac{1}{3}$ (C) $\frac{1}{4}$ (D) $\frac{1}{5}$
26. Morarji Desai was born on 29th February. His birthday comes _____
- (A) every year
(B) twice in a year
(C) after every four years
(D) after every two years
27. The first basic roman numeral is:
- (A) 0 (B) I (C) V (D) X
28. The place value of "7" in 27.5 is:
- (A) 7 (B) 70 (C) $\frac{7}{10}$ (D) $\frac{7}{100}$

29. The number of 50 paise coins in Rs. 100 is:
(A) 50 (B) 100 (C) 200 (D) 500
30. At what time do the hour hand point between digits 1 and 2, and the minute hand point at 6?
(A) 1 : 30 (B) 2 : 30
(C) 6 : 05 (D) 6 : 10
31. The diagram shows the weights of two bags of rice.



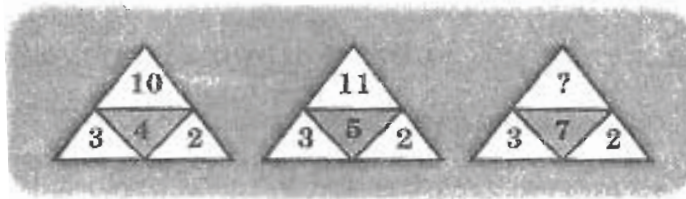
Find the weight, in grams, of rice that is needed to add to Q in order to balance the scale.

- (A) 1.9 (B) 19 (C) 190 (D) 1900
32. Mukesh goes to the market with Rs. 1500 and buys two of the listed items. How much money will he be left with?

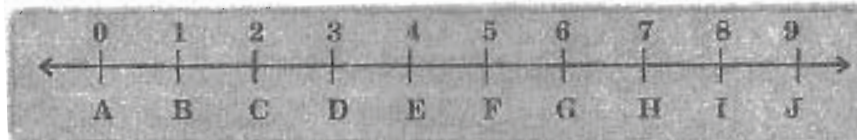


- (A) Rs. 324 (B) Rs. 163
(C) Rs. 293 (D) Rs. 193
33. Which of the following roman numeral is meaningless?
(A) XV (B) XIX
(C) IXIV (D) XXIV

34. Find the missing number in the following pattern.

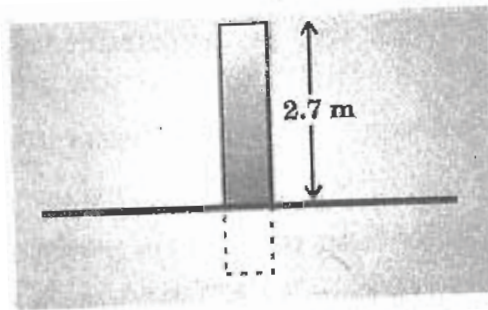


- (A) 12 (B) 13 (C) 14 (D) 20
35. Each part on the number line drawn below is of 1 cm. The sum of AC + DE + GJ is equal to:



- (A) AF (B) BH (C) DG (D) FJ
36. $0 \div 10,000 =$ _____
- (A) 0 (B) 1,000 (C) 10,000 (D) 1,00,000
37. Pick out the prime number from the following.
- (A) 49 (B) 39 (C) 27 (D) 17
38. Fractions with different denominators are called ____ fractions.
- (A) like (B) unlike (C) unit (D) improper
39. The decimal form of $\frac{4}{25}$ is:
- (A) 0.4 (B) 0.25 (C) 0.16 (D) 0.21
40. Gupta sold few biscuit packets for Rs. 7.50. If the cost of each packet is Rs. 1.50, how many packets did he sell?
- (A) 15 (B) 5 (C) 10 (D) 4
41. The number of seconds in 1 hour is:
- (A) 60 (B) 120 (C) 360 (D) 3600

42. The diagram shows a pole standing vertically on the ground.



What is the total length of the pole if 50 cm of it is buried in the ground?

- (A) 180 cm (B) 230 cm
(C) 320 cm (D) 770 cm
43. The roman numeral for 99 is:
(A) IC (B) XCIX
(C) LL (D) All the given
44. $16 \times 9 = \text{--- tens} + 4$
(A) 2 (B) 5 (C) 10 (D) 14
45. Find the missing term in the following.



- (A) 11 (B) 12 (C) 13 (D) 14

CLASS : IV

GENERAL SCIENCE




46. Which of the following is a characteristic of all living things?

- (A) Exhibit locomotion (B) Possess nervous system
(C) Reproduce (D) Hibernate

47. Which of the following materials is obtained from flax?

- (A) Linen (B) Cotton (C) Polyester (D) Wool

48. Which of the following is a seed containing stored food?


- (A)  (B)  (C)  (D) All of these

49. What do plants produce during photosynthesis?

P Oxygen
Q Carbon dioxide
R Sugar

- (A) P only (B) Q only
(C) P and R only (D) Q & R only

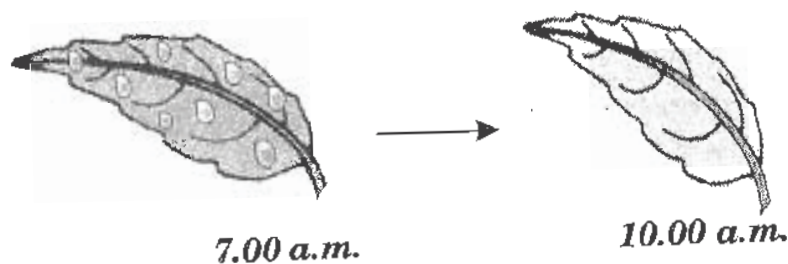
50. Which of the following is an omnivore?

- (A)  (B)  (C)  (D) Both A & C

51. In humans, the system that carries oxygen and nutrients to all parts of the body is:

- (A) circulatory system (B) excretory system
(C) digestive system (D) nervous system

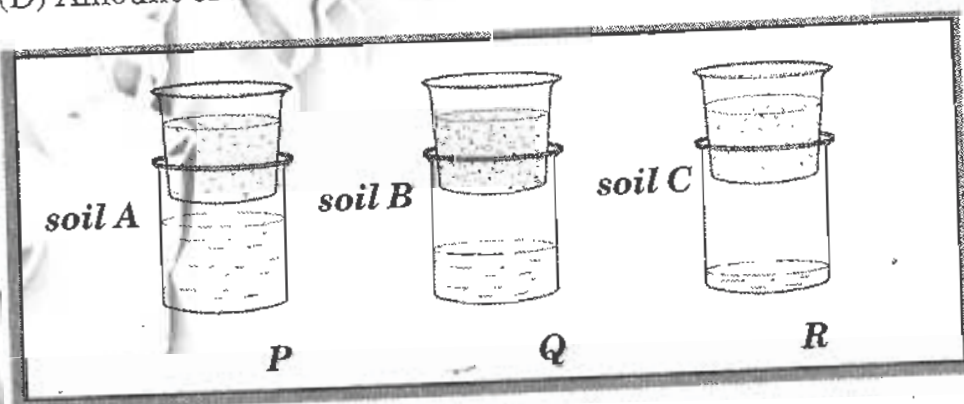
2. Figure given below shows an observation.



What process causes the dew to disappear by 10.00 a.m.?

- (A) Boiling (B) Evaporation
(C) Condensation (D) Melting
53. Night and day is a phenomenon due to the:
(A) movement of the Moon round the Earth
(B) movement of the Earth round the Sun
(C) rotation of the Earth on its axis
(D) movement of Earth and the Moon round the Sun
54. Which of the following determines the shape of the houses in an area?
(A) Weather conditions existing in the area
(B) Shape of the people
(C) Drinking water available in the area
(D) Amount of air

55.



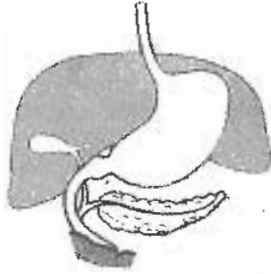
Water is collected in beakers P, Q and R after flowing through the different soils. What do you think is soil A?

- (A) Clay (B) Sand (C) Loam (D) Salt

56. Work is done when you:

- (A) kick a foot ball (B) hammer a nail
(C) push a door (D) all of the above

57. Figure given below shows a part of the digestive system. Identify the part labelled P.

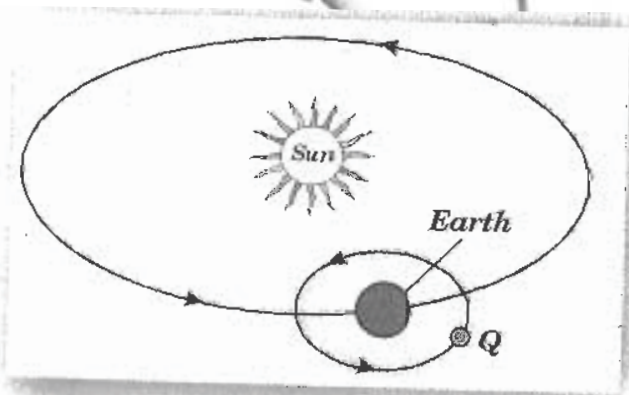


- (A) Pancreas (B) Liver (C) Duodenum (D) Appendix

58. If we do NOT keep our sources of water clean, which of the following diseases can be easily spread?

- (A) Measles (B) Malaria (C) Cholera (D) Smallpox

59. The figure shows the Sun, the Earth and object Q in the Solar system.



What is true about Q?

- (A) It is Earth's closest neighbour
(B) It cannot be seen during the day
(C) It reflects light from the Sun
(D) All of these

60. Which of these does NOT exhibit sensitivity?

- (A) Sunflower (B) Cat
(C) Wood (D) Pitcher plant

61. The box below does NOT move because:



- (A) both the forces are acting in the opposite direction
 (B) force A > force B
 (C) force A < force B
 (D) force A = force B
62. Which of the following volumes is the largest?
 (A) 20 millilitres (B) 20 litres
 (C) 200 millilitres (D) 2000 millilitres
63. In the following food chain, what is the role of the cabbage in this food chain?

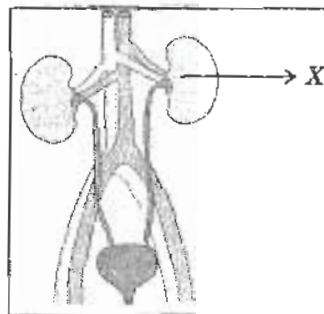


- (A) To form a habitat (B) To find space to live
 (C) To be a source of water (D) To be a source of energy
64. The figure shows one of the important organs in the human body.

Which is true about the organ labelled X?

- I It produces urine
 II It excretes urea
 III It stores urine

- (A) I and II only
 (B) II and III only
 (C) I and III only
 (D) I, II and III



65. The surface of the Earth becomes _____ when it turns away from the Sun.

P colder
Q hotter
R brighter
S darker

- (A) P and R only (B) P and S only
(C) Q and R only (D) Q and S only
66. Fertility of the soil can be maintained by:
- (A) changing crops every year
(B) cultivating same crop every year
(C) burning dried leaves
(D) using more synthetic fertilizers
67. Which of the following shows the correct grouping of animals based on their reproduction?

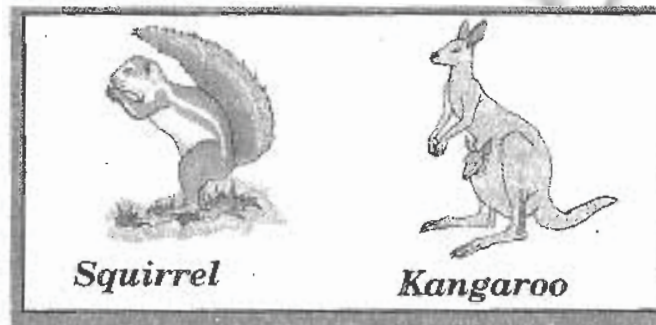
lays eggs	giving birth
(A) Whale	Cow
(B) Fish	Cat
(C) Squirrel	Tiger
(D) Chicken	Owl

68. Why are some buildings painted white?
- (A) White surfaces look clean
(B) White surfaces keep germs away
(C) White surfaces absorb less heat
(D) White surfaces absorb more heat
69. Based on the given information, what is the importance of soil to plants?

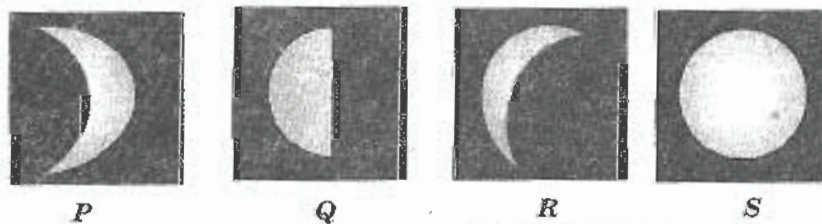
I - Soil supplies plants with food
II - Soil supplies plants with minerals
III - Soil supplies plants with air and water

- (A) I only (B) II and III only
(C) I and II only (D) I, II and III

70. Atul is using a compass to find out which direction the wind is blowing. Which of the following would be best for him to observe to help him find the direction of the wind?
- (A) The temperature on a thermometer
 - (B) Birds flying above the trees
 - (C) A flag on a pole
 - (D) The shadow of a pole
71. Which of the following statements about the animals shown below is correct?



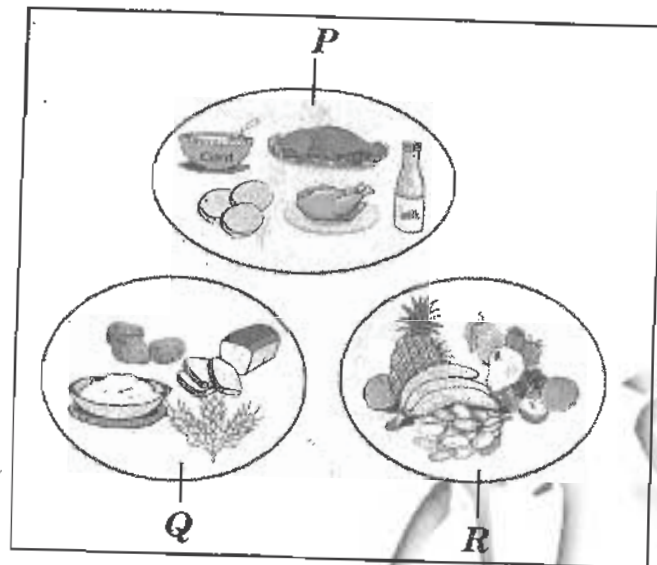
- (A) Their tails help them to balance when they hop from one place to another
 - (B) They lay eggs to reproduce
 - (C) They feed on plants living in the water
 - (D) They are carnivorous
72. Which of the following sends signals from space to the Earth so that people can communicate?
- (A) E-mail (B) Handphone (C) The Internet (D) Satellite
73. Diagram below shows the phases of the Moon.



Which of the following is the correct order?

- (A) P, Q, R, S (B) P, S, Q, R (C) Q, R, P, S (D) R, P, Q, S

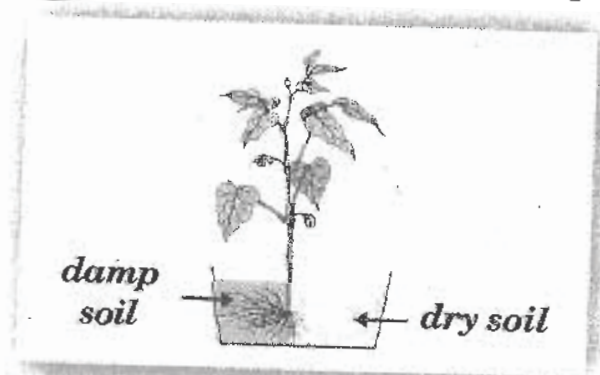
74. Study the picture given below. Which of the following are protective foods?



- (A) P (B) Q (C) R (D) All of these
75. Which of the following cannot be done by a human without the help of any device?

- I - To smell flowers
II - To cut down a tree
III - To clean the ceiling
IV - To see bacteria

- (A) II only (B) I and III only
(C) II and IV only (D) II, III and IV only
76. The figure given below shows the result of an experiment. The experiment shows that the roots respond to:



- (A) water (B) touch (C) gravity (D) sunlight

77. Which of the following foods are needed for the growth and repair of our body?
(A) Carbohydrates (B) Proteins (C) Fats (D) Lipids
78. Which of the following animals give birth to live babies?
(A) Whale (B) Crocodile (C) Hen (D) Frog
79. Which of the following waste materials can be buried in the ground?
(A) Glass (B) Plastic bags (C) Plywood (D) Foodstuffs
80. Figure given below shows a ball remaining stationary on the floor.



What force enables the ball to remain in that position?

- (A) Pushing (B) Friction (C) Magnet (D) Pulling
81. Why are microorganisms NOT visible to the naked eye?
(A) They grow faster (B) They are harmful
(C) They move fast (D) They are very tiny



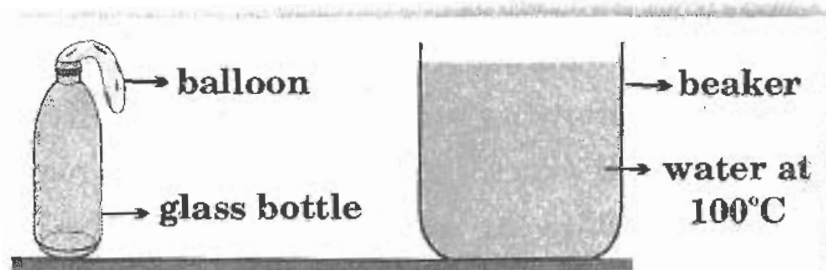
82.

The characteristics of the given cactus plant is designed to:

- I - protect the plant from being eaten by animals*
- II - prevent the plant from losing too much water*
- III - protect the plant from other plants*

- (A) I and II only (B) I and III only
(C) II and III only (D) I, II and III
83. Which characteristic is NOT the adaptation of animals to protect themselves from extremely cold weather?
(A) A thick coat of fur (B) A thick layer of fat
(C) A thin layer of hair (D) Hibernation

84. Diagram given below shows an experiment.



What will happen if the glass bottle is placed on the surface of the beaker?

- (A) The bottle cools
 - (B) The shape of the bottle changes
 - (C) The balloon expands
 - (D) The temperature of the water in the beaker increases
85. Which of the following is a communicable disease?
- (A) Cancer (B) Malaria (C) Heart attack (D) Diabetes
86. Identify the tooth shown in the figure.

- (A) Incisor (B) Canine
(C) Molar (D) Premolar



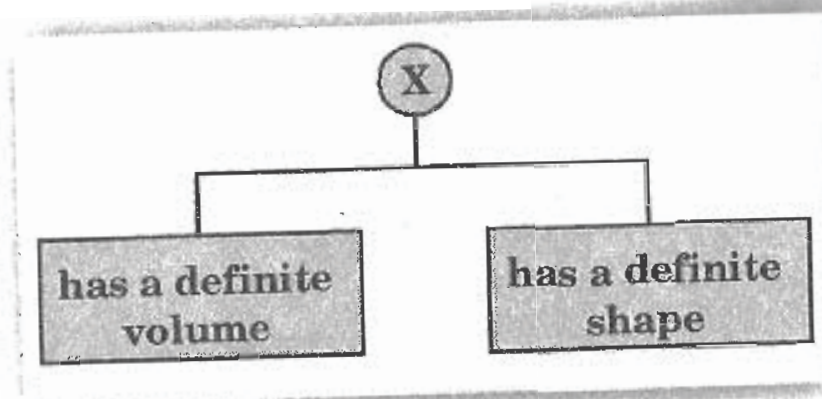
87. Process by which carbon dioxide and water are converted to starch and release of oxygen in the presence of sunlight is called:

- (A) respiration (B) photosynthesis
(C) digestion (D) peristalsis

88. The two main processes of making fabrics are:

- (A) ginning and weaving (B) weaving and knitting
(C) spinning and weaving (D) none of the above

89. Study the properties of X given below.



Which of the following can X represent?

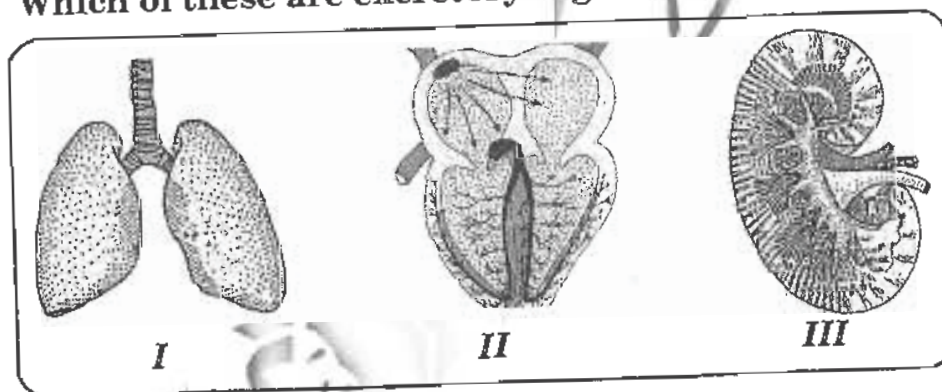
(A) Water

(B) Ice

(C) Oxygen

(D) Steam

90. Which of these are excretory organs?



(A) I and II only

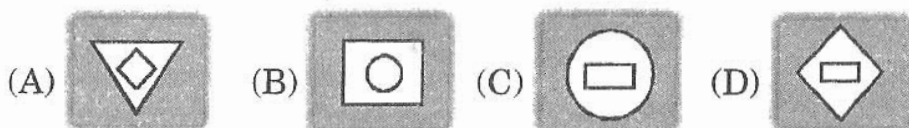
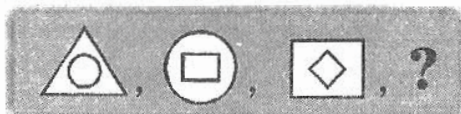
(B) II and III only

(C) I and III only

(D) I, II and III

CLASS : IV**GENERAL KNOWLEDGE**

91. Which figure should come next in the series given below?



92. The term 'butterfly' refers to which sport?

- (A) Basketball (B) Swimming (C) Cricket (D) Baseball

93. Which word is the same in meaning to the word 'infer'?

- (A) Last (B) Conclude (C) Enough (D) End

94. Which number should come in the empty box in the number series given below?

39, 33, 26, 18, □

- (A) 12 (B) 17 (C) 9 (D) 11

95. If PAMT is written as QBNU, then CORD may be written as:

- (A) DOSE (B) DPSE (C) BNQC (D) DPSC

96. Who among the following is NOT a painter?

- (A) Amrita Sher-Gil (B) S.H. Raza
(C) M.F. Hussain (D) Amrita Pritam

97. Which of these is 'The Land of Golden Pagodas'?

- (A) Korea (B) Thailand (C) Myanmar (D) Vietnam

98. The classical dance form of Kerala is:

- (A) Kathakali (B) Bangra (C) Kuchipudi (D) Odissi

99. Who among the following is the first Vice President and second President of India?

- (A) Dr. Rajendra Prasad (B) Zakir Hussain
(C) S. Radhakrishnan (D) None of these

100. Where were the Olympic Games held in the year 2008?

- (A) Sydney (B) Atlanta (C) Beijing (D) Athens