01. An egg seller had 1849 eggs. He accidentally broke 28 eggs and found that another 32 eggs were rotten. How many eggs did he have left ?

(A) 1821   (B) 1817   (C) 1790   (D) 1789

02. Vedha sold $3\frac{1}{3}$ kg of sugar and $1\frac{3}{5}$ kg of flour. How much more sugar than flour did she sell ?

(A) $1\frac{11}{15}$ kg   (B) $3\frac{1}{15}$ kg

(C) $11\frac{1}{15}$ kg   (D) $11\frac{2}{15}$ kg

03. The total mass of 6 equal dictionaries is 4 kg 284 g. What is the mass of one such dictionary ?

(A) 296 g more than 1 kg

(B) 286 g less than 1 kg

(C) 296 g less than 1 kg

(D) 256 g more than 1 kg

04. If you start with 1 and count by 2's you obtain the following: 1, 3, 5, 7, 9 ..., where the first number is 1, the second number is 3, the third number is 5, etc. What is the 60th number ?

(A) 60   (B) 120   (C) 119   (D) 118

05. Tanish had ₹ 2500. He bought 4 bags at ₹ 268 each. How much money was left with him ?

(A) ₹ 1248   (B) ₹ 1042

(C) ₹ 1428   (D) ₹ 1720

06. What is 48 tens less than the product of 59 and 9 ?

(A) 480   (B) 531   (C) 1011   (D) 51

07. Riya spent 5 h 20 min on her Science project. Aliya spent 1 h 50 min less than Riya on the same project. How much time did the two girls spent on their science projects in all ?

(A) 8 h 50 min   (B) 7 h 50 min

(C) 8 h 15 min   (D) 8 h

08. Saanvi had 2500 candies. She gave $\frac{1}{5}$ of them to Aadya. Aadya gave $\frac{1}{2}$ of her candies to Navya. Navya ate $\frac{1}{2}$ of her candies. How many candies did Navya have left ?

(A) 100   (B) 125   (C) 250   (D) 500

09. A basket of vegetables weighs 2 kg 25 g. The basket weighs 650 g. What is the mass of the vegetables ?

(A) 1075 g   (B) 1375 g

(C) 2025 g   (D) 2125 g

10. Surya started eating his breakfast at 7.05 a.m. He has to reach his school at 7.45 a.m. and it takes him 20 min to walk to school. What is the maximum amount of time he can spend eating his breakfast ?

(A) 10 min (B) 15 min (C) 20 min (D) 25 min

11. There were 28 tables at a wedding lunch. 10 people were seated at each table except for one table which had only 9 people. How many people attended the wedding lunch ?

(A) 270   (B) 279   (C) 280   (D) 289

12. **The perimeter of the figure shown is _____ cm.**
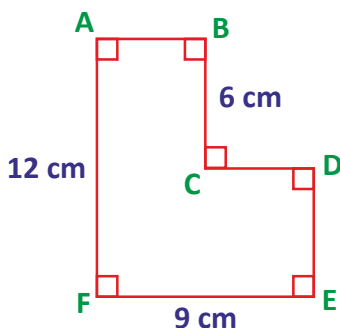
(A) 42   (B) 38

(C) 37   (D) Not possible to find

13. **A bag of dozen oranges is being sold for ₹ 30. The manager of the store decided to add some oranges to the bag, but not change the ₹ 30 sticker price on the bag. Now the price of the oranges is ₹ 20 a dozen. How many oranges were added to the bag ?**

(A) 5   (B) 6   (C) 7   (D) 8

14. **Mrs Nitya brisk-walked a distance of 10 km. Her husband completed half the distance that Mrs Nitya brisk-walked. Find the distance that Mrs Nitya husband brisk-walked.**

(A) 7 km   (B) 6 km   (C) 5 km   (D) 4 km

15. **The mass of a mango is 1 kg. A pineapple is 2 kg heavier than the mango. What is the total mass of the two fruits ?**

(A) 4 kg   (B) 3 kg   (C) 2 kg   (D) 1 kg

16. Study the figure below.
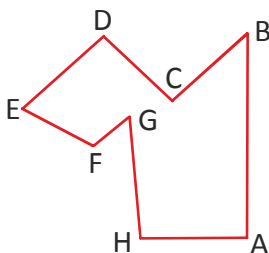
Which of the following statements is true ?

(A) AH is parallel to BC and EF is perpendicular to DE.

(B) EF is parallel to DC and DC is perpendicular to CB.

(C) FG is parallel to BC and GH is perpendicular to HA.

(D) AB is parallel to GH and EF is perpendicular to DE.

17. Find the sum of the fifth multiple of 8 and the greatest factor of 15.

(A) 15 (B) 25 (C) 40 (D) 55

18. Choose an option with three consecutive numbers that add up to the same as the product of 2 × 3 × 4.

(A) 6, 8, 9 (B) 4, 10, 11

(C) 6, 8, 10 (D) 7, 8, 9

19. Mother had 3 loaves of bread. After making some egg sandwiches for a party, she had $\frac{1}{5}$ of a loaf of bread left. How many loaves of bread did she use to make the egg sandwiches ?

(A) $2\frac{4}{5}$ (B) $\frac{4}{3}$ (C) $1\frac{4}{5}$ (D) $3\frac{4}{5}$

20. What is the perimeter of Farmer Johnson's rectangular field measuring 3 m by 15 m ?

(A) 45 m   (B) 36 m   (C) 12 m   (D) 24 m

21. A match starts at 7.45 p.m. It has two halves of 45 minutes each. The half-time break lasts for 15 minutes and the referee adds on an extra three minutes at the end of each half. At what time does the match finish ?

(A) 8.30 p.m.   (B) 9.30 p.m.

(C) 9.21 p.m.   (D) 9.36 p.m.

22. The sum of the first 5 odd positive numbers is 25. What is the sum of the first 5 even positive numbers ?

(A) 30   (B) 35   (C) 40   (D) 45

23. What is the difference between the greatest factor and the smallest factor of 18 ?

(A) 1   (B) 17   (C) 18   (D) 19

24. Factory A operates 4 days a week and produces 125 toys a day. Factory B operates 6 days a week and produces 78 toys a day. How many toys can both the factories produces altogether in 2 weeks ?

(A) 968   (B) 1936   (C) 1963   (D) 986

25. There are 32 coins in Box A and 346 coins in Box B. How many coins must be transferred from Box B to Box A so that there will be 68 more coins in Box B than in Box A ?

(A) 123   (B) 173   (C) 100   (D) 246

26. **Maria is playing a board game with a friend who has the flu.**

Write down one thing Maria can do to avoid catching the flu from her friend.

(A) Cover her nose and mouth with mask

(B) Tell her friend to wear a mask

(C) Maria should not touch her face without washing hands

(D) All of these

27. **Tiny drops of water falling on the Earth is called**

(A) fog.   (B) dew.   (C) rain.   (D) snow.

28. **A group of stars is called**

(A) galaxy   (B) milky way

(C) constellation   (D) solar system

29. **How can influenza be passed from person to person ?**

(A) By sharing food and drinks

(B) By sneezing

(C) By coughing

(D) All of these

30. **Plants use energy directly from the Sun.**
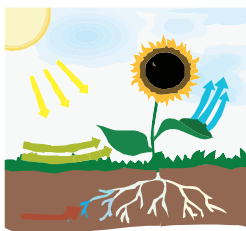
What do they use the energy from the Sun for ?

(A) To make food   (B) To disperse seeds

(C) To fertilize the soil   (D) To prevent insect damage

31. **Which of these animals has a young one that looks most like the adult ?**

(A) Mosquito   (B) Cockroach

(C) Frog   (D) Butterfly

32. **The pictures below show pairs of metal blocks and their temperatures. Which of these correctly shows the direction that heat energy will move ?**

(A)   (B)

(C)   (D)

33. **Which of the following living organisms make their own food ?**

(A) Animals   (B) Fungi

(C) Green plants   (D) Birds

34. Which of the following does not have lungs for breathing ?

(A)

(B)

(C)

(D)
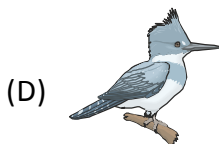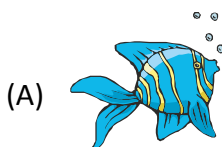
35. The yellow portion of the egg is called

(A) albumen.

(B) yolk.

(C) embryo.

(D) shell.

36. We all know that animals eat plants. But there are some plants which eat small insects. Such plants are called insectivorous plants. Which of the following is an example of them ?

(A)
Vallisneria

(B)
Pitcher plant

(C)
Duckweed

(D)
Jasmine
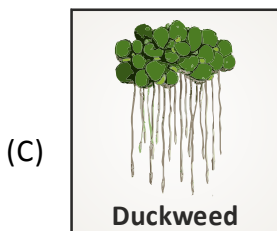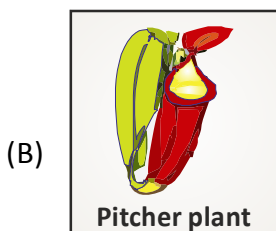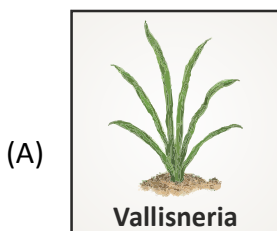
37. Polar bears and Penguins look very different, but both can survive in the extreme cold. A polar bear has a thick coat of fur that helps it to keep warm but the Penguin has no fur. Then what help penguins to stay warm ?
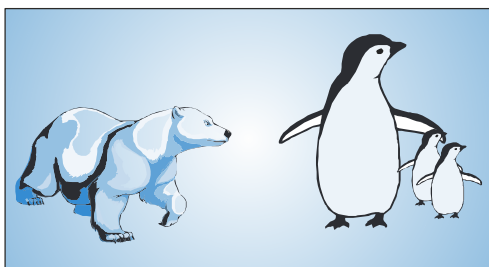
(A) Fat layers   (B) Tusks

(C) Whiskers   (D) Flippers

38. Which of the following shows a correct food chain ?

(A) Sun ➡ Plant ➡ Carnivore

(B) Plant ➡ Omnivore ➡ Herbivore

(C) Sun ➡ Plant ➡ Herbivore

(D) Plant ➡ Carnivore ➡ Herbivore

39. Coarse salt and fine salt are added to water and then stirred as shown in the picture.

Coarse Salt   Fine Salt
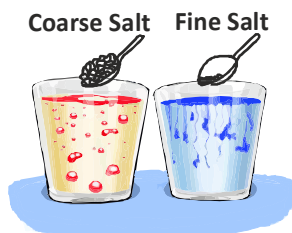
Which statement is true?

(A) Coarse salt will dissolve faster.

(B) Fine salt will dissolve faster.

(C) They both will dissolve in the same amount of time.

(D) Fine salt dissolve slow.

40. **Calcium is a mineral that help to make your bones and teeth strong. Which of these foods is the best source of calcium ?**

(A) Candy   (B) Rice

(C) Cheese   (D) Meat

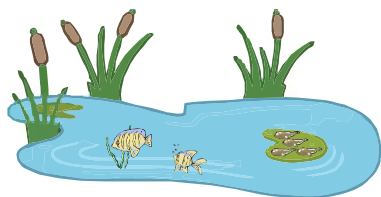41. **The instrument shown in the figure below helps our sense of**



(A) smell   (B) sight

(C) hearing   (D) touch

42. **A girl wants to propagate sugarcane plants. Which part of the sugarcane plant is used to propogate ?**

(A) Seed   (B) Root

(C) Stem   (D) Flower

43. **Lasya found some tadpoles and fish in a pond as shown below. How did the tadpoles get there ?**

(A) They hatched from eggs laid by fish in the pond

(B) They formed from mud at the bottom of the pond.

(C) They were made from materials dissolved in pond water.

(D) They developed from eggs laid by frogs in the pond.

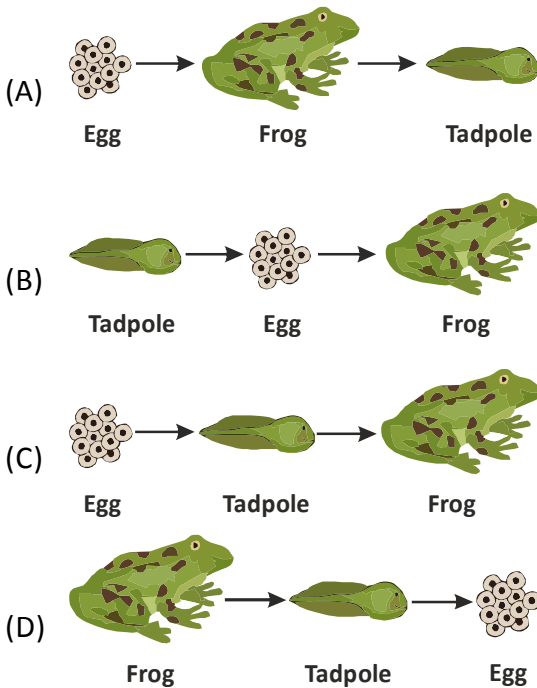44. **In the human body, which of the following absorbs water from undigested food ?**

(A)   (B)

(C)   (D)
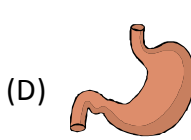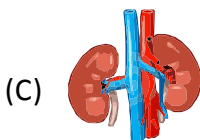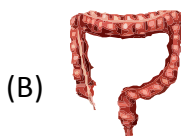
45. **Leaves are green due to the presence of a green pigment called chlorophyll. The main function of chlorophyll is**

(A) to absorb carbon dioxide from the atmosphere.

(B) to absorb water and minerals from the soil.

(C) to breathe.

(D) to trap the sunlight and help in photosynthesis.

46. **Two insects that feed on human blood are**

(A) housefly and butterfly

(B) cockroach and bees

(C) mosquitoes and bed bugs

(D) bees and moth

**47.** **Which diagram shows the correct life cycle of a frog ?**

(A)

Egg   Frog   Tadpole

(B)

Tadpole   Egg   Frog

(C)

Egg   Tadpole   Frog

(D)

Frog   Tadpole   Egg

48. **Study the characteristics given below.**

> ✦ **Trees are generally tall and straight.**
> ✦ **They have needle like leaves and cone-like parts instead of flowers.**

Such trees are usually found in

(A) hilly areas.   (B) plains.

(C) marshy areas.   (D) water.

49. **The figure shows the sun, the earth and an object Q in the solar system.**
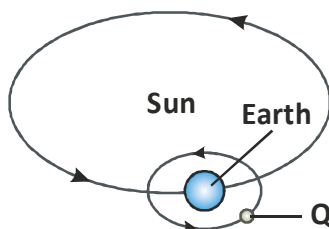
What is true about Q ?

(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

50. **Observe the figure of coconut tree given below.**

Coconut

The coconut fall on the ground is due to

(A) muscular force. (B) balanced force.

(C) gravitational force. (D) frictional force.

51. **Two cups of water were placed into each of the open containers in hot and dry weather. Predict what the water levels will be after a day in both the containers.**

2 cups
2 cups
A   B
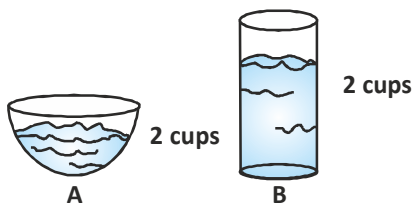
(A) The same amount of water will be left in both.

(B) There will be more water left in container B than in A.

(C) There will be more water in container A than in B.

(D) They will both still have two cups of water.

52. **What helps the penguin in swimming ?**
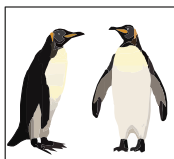
(A) Flippers   (B) Scales

(C) Fins   (D) Feathers

53. **How many body parts does most insects have ?**
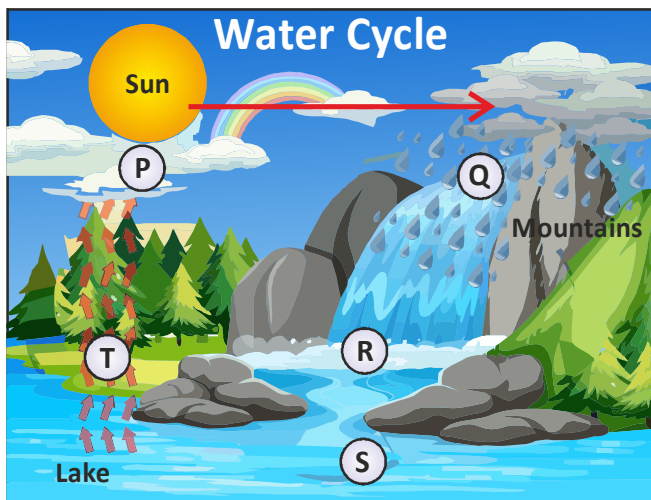

(A) two   (B) three   (C) four   (D) five

54. **A tooth decay results in bad breathe, cavities and toothache. It is due to the growth of**
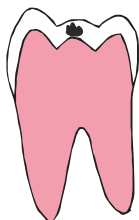
(A) viruses.   (B) fungi.

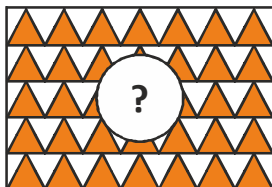(C) protozoa.   (D) bacteria.

55. A diagram of the water cycle is shown below. The letters P, Q, R, S and T represent five different processes taking place.

Which letter represents process of precipitation ?

(A) P   (B) Q   (C) R   (D) S
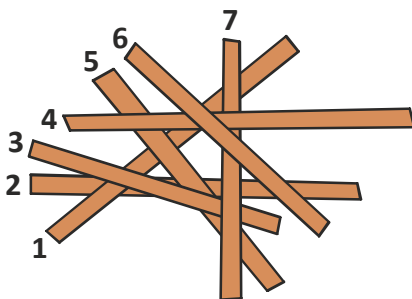
56.   **Identify the missing part.**

(A) (B) (C) (D)

57.   **Every time the frog goes up 7 steps, from step 1, the monkey goes down 3 steps from 100th step. On which step do they meet ?**
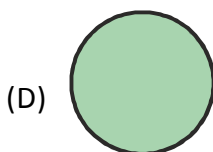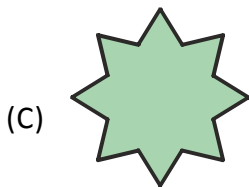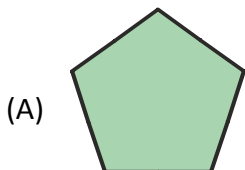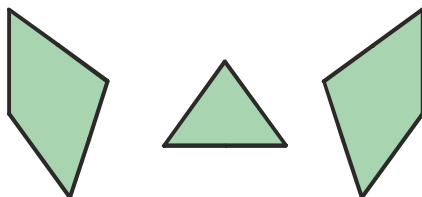
(A) 63   (B) 73   (C) 70   (D) 60

58.   **Seven sticks lie on top of each other. Stick 2 is at the bottom. Stick 6 is at the top. Which stick is in the middle ?**
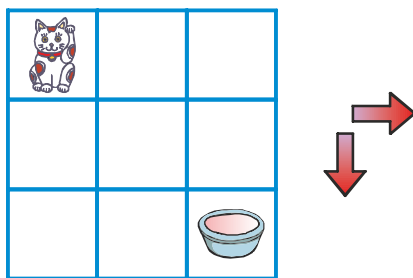

(A) 1   (B) 3   (C) 4   (D) 5

59. **Which figure can be cut into the 3 pieces as shown ?**

(A)

(B)

(C)

(D)

60. **The cat can only move in the directions shown by the arrows below. How many ways can the cat reach the milk ?**

(A) 3   (B) 4   (C) 5   (D) 6