

1. Below is a description of a plant.

**I am a land plant.
I have flowers which grow singly.
My flowers give off a nice smell.**

Which one of the following is the plant likely to be?

- A. Rose
- B. Lotus
- C. Dahlia
- D. Sunflower

2. After taking out the onions from the ground, the dried leaves from the top of them are cut by

- A. Illige
- B. Kurige
- C. Khunti
- D. None of these

3. The Madhubani paintings are made out of paste of powdered

- A. Wheat
- B. Rice
- C. Corn
- D. Maize

4. In a flower, green leafy structures present outside the petals are known as

- A. Pollens
- B. Buds
- C. Sepals
- D. Leaves

5. Which of the following fruits spoils quickly?

- A. Banana
- B. Pear
- C. Pineapple
- D. Grapes

6. An elephant herd has

- A. Only males
- B. Only females
- C. Females and baby elephants
- D. Males, females and baby elephants

7. In which of the following animals, ears are not seen?

- A. Cat
- B. Elephant
- C. Giraffe
- D. Frog

8. The herd of lions is called

- A. Mane
- B. Badger
- C. Pride
- D. Mink

9. Spider's cobwebs are used in making the nest of

- A. Coppersmith bird
- B. Sunbird
- C. Indian Robin
- D. Pigeon

10. Select the correct option from the following

A. Animals having hair on their skin	Lizard
Animals having feathers on their skin	Bat

B. Animals having hair on their skin	Camel
Animals having feathers on their skin	Peacock

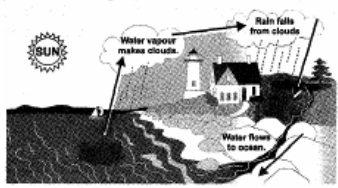
C. Animals having hair on their skin	Frog
Animals having feathers on their skin	Mongoose

D. Animals having hair on their skin	Pigeon
Animals having feathers on their skin	Sparrow

11. -----covers about 75% of the Earth and is one of the most abundant substances on Earth

- A. Water
- B. Salt
- C. Land
- D. Metal

12. Study the following figure to answer



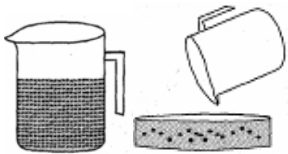
What happens after the sun changes liquid water from the surface of the lake to a gas?

- A. The water flows along the surface of the earth
- B. The water vapour makes clouds
- C. Trees and grass begin to grow
- D. The river begins to flow faster

13. Which would be the best usage of rainwater?

- A. Use it to cook rice
- B. Use it to rinse your vegetables
- C. Use it to wash your clothes
- D. Use it to wash your verandah

14. There is some water in a jug. All the water is poured into an empty pan from the jug. What happens to the amount of water?



- A. It becomes less
- B. It remains the same
- C. It becomes more
- D. We can't say

15. When Puneet was on vacation in Kashmir, he could see clouds passing by. What are clouds made up of?

- A. Hot steamed water
- B. Hot air
- C. Sand & water
- D. Tiny water droplets

16. The odometer fitted in vehicles, displays

- A. Prevailing speed of the vehicle
- B. Distance travelled by the vehicle
- C. Prevailing place where the vehicle is moving
- D. Direction in which the vehicle is moving

17. The persons shown in the following figures belong to which transport system?



- A. Bus
- B. Ship
- C. Train
- D. Both (B) & (C)

18. Nowadays, instead of petrol, CNG is being used in city buses to lower down the pollution level. What is the full form of CNG?

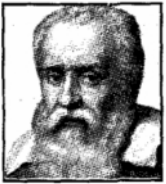
- A. Condensed natural gas
- B. Compressed natural gas
- C. Compressed non gasoline
- D. Condensed non gasoline

19. How is the bridge shown in given figure different from a bamboo bridge?



- A. It is used only after the rain, when there is knee-high water everywhere
- B. It is not a permanent way to cross water bodies
- C. It is made up of bricks and iron rods
- D. Only one man can cross it at a time

20. The person in the given figure was a great Italian scientist. He built an improved telescope and used it to discover four moons of Jupiter. He also invented the thermometer. Who was he?



- A. Joseph B. Priestley
- B. Galileo Galilei
- C. Lord Kelvin
- D. None of the above

21. ----- is the coldest planet of the solar system

- A. Earth
- B. Saturn
- C. Neptune
- D. Mercury

22. What will be the correct statement for the given figure?



- A. It occurs in daytime
- B. Cooler air over the sea rushes towards the land to take its place
- C. At night the sea is warmer than the land
- D. Both (A) & (B)

23. Which of the following statements is correct?

- A. Sand absorbs heat more quickly and cools down faster than water
- B. Water absorbs and then loses heat more slowly than sand
- C. Sun is not able to heat up sand and water
- D. Both (A) & (B)

24. Which of the following actions below cannot be done with your leg muscles?

- A. Spin around
- B. Rope skipping
- C. Throwing a ball
- D. Balancing

25. The function of the small intestine is to

- A. Produce white blood cells
- B. Produce water in the body
- C. Absorb nutrients from food
- D. Produce hormones throughout the body

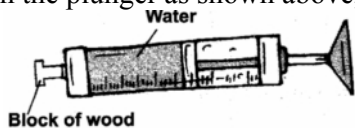
26. What is the process by which a human being produces offsprings ?

- A. Pollination
- B. Reproduction
- C. Metamorphosis
- D. Photosynthesis

27. Savita is watching a movie on television. Which of the following senses is she using?

- A. Smell and hearing
- B. Touch and smell
- C. Touch and sight
- D. Sight and hearing

28. Suman tries to push in the plunger as shown above, but finds that she cannot do so. What is the reason?



- A. Water cannot be compressed
- B. Water has no definite shape
- C. Water has no definite volume
- D. Water occupies space

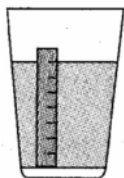
29. The smell of a perfume spreads quickly from one corner of the room to the other because

- A. Gases have a fixed shape
- B. Gases have a fixed volume
- C. Gases flow easily
- D. Molecules are tightly packed

30. Which of the following methods could be used to separate a mixture?

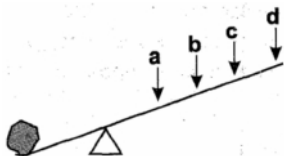
- A. Evaporation
- B. Filtering
- C. Pouring off liquid
- D. All of these

31. Take some water in a glass and mark the water level by pasting a strip of paper outside the glass, as shown in figure. Add two teaspoons of sugar to water and stir. What happens to the water level in the glass ?



- A. The volume of the sugar solution remains almost the same as volume of water
- B. The volume of the sugar solution decreases in comparison to volume of water
- C. Sugar does not take up any extra space
- D. Both (A) & (C)

32. Arjun wants to lift the rock as shown in the figure. At which point should he apply the force so that he could lift the rock easily?



- A. a
- B. b
- C. c

D. d


33. Harish put a coin on a marble-topped table and flicked it with his finger. He used a ruler to measure the distance travelled by the coin. Then he carried out, the same test by laying a piece of sand paper, a newspaper, and a towel in turns, on the table. On which surface will the coin travel furthest?


- A. Towel
- B. Marble top
- C. Sand paper
- D. Newspaper

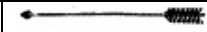
34. The instrument which is commonly used by doctors to check the patients is called


- A. Horoscope
- B. Telescope
- C. Stethoscope
- D. Microscope

35. Match the two columns and select the correct option

A. Column I	Column II
Mason	

B. Column I	Column II
Carpenter	

C. Column I	Column II
Electrician	

D. Column I	Column II
Gardener	

36. 1 million - 900 tens =

- A. 10090000
- B. 91000
- C. 919000
- D. 991000

37. 2 and 5 are factors of

- A. 10
- B. 5
- C. 2

D. 15

38. What is the difference between 2375 and 4954?

- A. 2879
- B. 2779
- C. 2579
- D. 2479


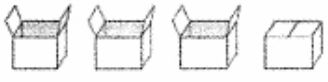

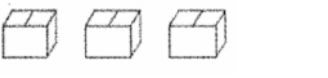
39. 5 is one of the factors of

- A. 36
- B. 30
- C. 42
- D. 21

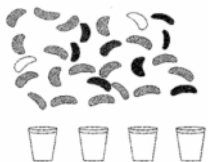
40. During the fair, the ice cream shop sold 362 chocolate ice cream cones and 286 vanilla ice cream cones. How many ice cream cones did the shop sell in all?

- A. 76
- B. 524
- C. 548
- D. 648

41. Which set shows $\frac{1}{4}$ of the boxes open?

- A. 
- B. 
- C. 
- D. 

42. Lucky and 3 friends shared 28 jelly beans. Lucky put an equal number of jelly beans into 4 cups. What was the total number of jelly beans in each cup?





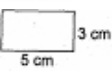

- A. 6
- B. 7
- C. 8

D. 9

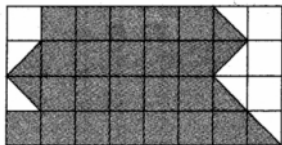
43. Mrs. Mehra asked her class to explain why 13 is a prime number. Anita said, "It is prime because 1 and 3 are prime numbers." Veena said, "It is prime because the only factors of 13 are 1 and 13." Koyal said, "It is prime because 1×3 equals 3, which is a prime number." Devesh said, "It is prime because $1 + 3$ equals 4, which is a composite number." Which student answered correctly?

- A. Anita
- B. Veena
- C. Koyal
- D. Devesh

44. Which of the following figures has the shortest perimeter?

- A.  4 cm
- B.  3 cm
2 cm
- C.  3 cm
5 cm
- D.  3 cm
3 cm

45. Find the number of shaded squares in the figure below.

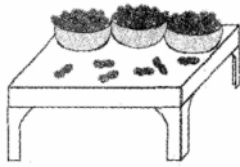


- A. 21
- B. 25
- C. 35
- D. 60

46. Mona spent Rs. 40 and had Rs. 10 left. What fraction of her money had she spent?

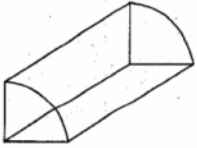
- A. $\frac{14}{5}$
- B. $\frac{40}{5}$
- C. $\frac{4}{5}$
- D. $\frac{1}{5}$

47. There is a total of 69 peanuts in the bowls on the table shown. There is the same number of peanuts in each bowl. How many peanuts are in each bowl?



- A. 12
- B. 19
- C. 23
- D. 27

48. How many faces are there in the given object?




- A. 6
- B. 5
- C. 4
- D. 3

49. The difference between 7 hrs 25 minutes and 3 hrs 45 minutes is

- A. 4 hrs 15 minutes
- B. 3 hrs 40 minutes
- C. 4 hrs 45 minutes
- D. 4 hrs 65 minutes

Yagna Innovation

50. Find the value of 

$$\text{Cube} + \text{Cube} + \text{Cube} = 2925$$

$$\text{Cube} + \text{Ring} = 1975$$

$$\text{Ring} + \text{Cube} = 1000$$

$$\text{Ring} - \text{Ring} = \text{Cube} + \text{Ring}$$

- A. 0
- B. 25
- C. 975
- D. 1000