

# MINDATHON SCIENCE OLYMPIAD (MSO)

## CLASS- II

### TEST PAPER

Time: 1 hour

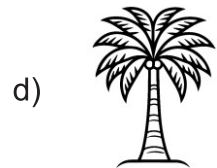
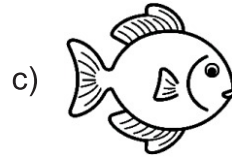
Max Marks: 40

#### General Instructions:

- There are a total of 35 questions in this test.
- Read each question carefully and answer all of them.
- All the answers must be correctly marked in the OMR sheet provided to you.
- Questions (1–30) carry one mark each. Questions in the “Mindathon Little Scientists” (31-35) carry 2 marks each.

#### SECTION A: GENERAL SCIENCE AND SCIENTIFIC AWARENESS

1. Which of the following cannot make their own food?



2. We obtain medicines from which of the following plants?

a) Tulsi

b) Neem

c) Cinchona

d) All of these

3. Which of these is a sense organ in our body?

a) teeth

b) hair

c) fingers

d) ears

4. Nomads live in what type of houses?

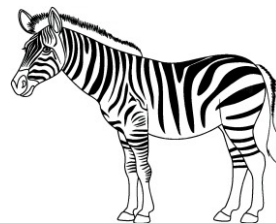
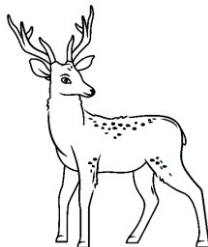
a) houseboat

b) tent

c) hut

d) apartment

5. The animals shown below have which of the following features?



a) They are wild and herbivorous.

c) They are domestic and herbivorous.

b) They are wild and carnivorous.

d) They are domestic and carnivorous.

6. Which of the following is not a shrub?

a) rose

b) marigold

c) sunflower

d) mint

7. We find which of the following plants in a desert region?

a) Coconut

b) pine

c) cactus

d) banana

8. Coir is obtained from the fruit of which of the following plants?

a)



b)



c)



d)



9. Which of the following is a means of transport for land only?

a) Autorickshaw

b) Helicopter

c) Boat

d) Submarine

10. The process by which cotton threads are converted into a cloth is called

a) spinning

b) shearing

c) weaving

d) knitting

11. What do we use to protect ourselves from the heat and glare of the sun's rays?

a) sunglasses

b) hats

c) umbrellas

d) all of these

12. Special dress of a country is called its

a) uniform

b) traditional dress

c) kimono

d) costume

13. We get silk from

a) honeybee

b) sheep

c) silk worm

d) cow

14. Our helpers who do not wear a uniform include

a) policeman

b) soldier

c) pilot

d) vegetable vendor

15. From where do we get pulses?

a) animals

b) plants

c) mountains

d) sea water

## SECTION B: EVERYDAY SCIENCE

16. A: Plants show movement.

B: The sunflower always turns towards the sun.

a) Both A and B are incorrect.

b) Only A is correct.

c) Both A and B are correct.

d) Only B is correct.

17. Which of the following objects allow light to pass through them?

a) metallic sheet

b) glass pane

c) textbook

d) wooden plate

18. The shadows change direction with the change in the position of the

a) surface

b) light source

c) object

d) any of these

19. The 'festival of lights' is the name given to \_\_\_\_\_ and is celebrated by the \_\_\_\_\_.

a) Diwali, Hindus

b) Diwali, Sikhs

c) Onam, Hindus

d) Onam, Sikhs

20. This food item can be obtained from which of the following animals?

- a) Hen
- b) Duck
- c) Ostrich
- d) All of these



21. In hot and humid weather, we prefer to wear

- a) Cotton clothes of light colour
- b) Woollen clothes of light colour
- c) Silk clothes of dark colour
- d) Cotton clothes of dark colour

22. The lead of a pencil is made from which rock?

- |             |            |
|-------------|------------|
| a) Gneiss   | b) Slate   |
| c) Graphite | d) granite |

23. Which of the following fruits have more than one seed?

- |           |           |          |          |
|-----------|-----------|----------|----------|
| a) litchi | b) papaya | c) mango | d) jamun |
|-----------|-----------|----------|----------|

24. Which of the following means of transport does not produce smoke?

- |        |                |        |                  |
|--------|----------------|--------|------------------|
| a) Bus | b) Motor Cycle | c) Car | d) None of these |
|--------|----------------|--------|------------------|

25. When we go on a trip to Kashmir, we can see \_\_\_\_\_ in Dal Lake.

- |              |            |          |                  |
|--------------|------------|----------|------------------|
| a) houseboat | b) caravan | c) flats | d) none of these |
|--------------|------------|----------|------------------|

26. When we go on a trekking trip, we sleep in the

- |          |          |               |         |
|----------|----------|---------------|---------|
| a) igloo | b) tents | c) houseboats | d) huts |
|----------|----------|---------------|---------|

27. Which of the following can move on its own?

- |          |            |           |          |
|----------|------------|-----------|----------|
| a) phone | b) machine | c) monkey | d) paper |
|----------|------------|-----------|----------|

28. You got a puppy home. Where will you keep it?

- |           |         |         |           |
|-----------|---------|---------|-----------|
| a) burrow | b) shed | c) nest | d) kennel |
|-----------|---------|---------|-----------|

29. What should we do to be fit and healthy?

- a) Eat junk food
- b) eat lots of snacks
- c) eat only fruits
- d) eat healthy food

30. One should always take a bath using

- a) soap and water
- b) dirty water
- c) drinking water
- d) boiled water

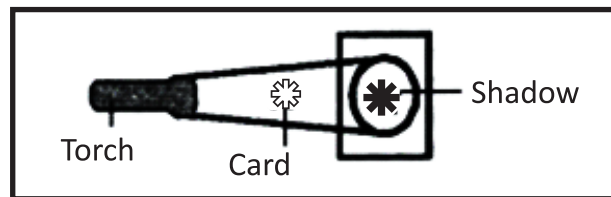
### SECTION C: MINDATHON LITTLE SCIENTISTS

31. Mark T if the statement is true and F if it is false:

- (i) Digestion of starch starts in the stomach.
- (ii) The tongue helps in mixing food with saliva.
- (iii) The gall bladder temporarily stores bile.

a) FTT                                      b) TFF                                      c) TFT                                      d) FTF

32. Observe the following:



What happens when torch light falls on the flower-shaped obstacle?

- a) A shadow is formed behind the torch.
  - b) A shadow smaller than the card is formed.
  - c) A shadow bigger than the object is formed.
  - d) There is no shadow formed.
33. Your uncle's friend Sachin works in a tea stall. His grandmother lives far in a village and falls sick. He wants to meet her for the last time. How would you help him?
- a) Try to make him laugh by cracking jokes.
  - b) Ask your uncle to arrange train tickets for him.
  - c) Ask him to go home and sleep.
  - d) Ignore him and play with other friends.
34. Find the mismatched pair of animal and its home in the following.

a) pig- sty                                      b) hen- coop                                      c) lion- burrow                                      d) bear- cave

35. Match the animals with their young ones:

- |             |           |
|-------------|-----------|
| p. Elephant | l. Joey   |
| q. Kangaroo | m. Foal   |
| r. Deer     | n. Kitten |
| s. Cat      | o. Cub    |

- |                       |                       |
|-----------------------|-----------------------|
| a) p-l; q-o; r-m; s-n | b) p-n; q-l; r-m; s-o |
| c) p-o; q-l; r-n; s-m | d) p-o; q-l; r-m; s-n |