

# MINDATHON SCIENCE OLYMPIAD (MSO)

## CLASS- I

### 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. The air is not needed by which of the following to live?

a)



b)



c)



d)



2. Select the odd one out in the following:

a) tea

b) juice

c) coffee

d) soup

3. A safety habit on the road will be

a) to board a bus in queue

b) to walk on footpath

c) to follow traffic rules

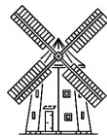
d) all of these

4. Air is filled in which of the following to move?

a)



b)



c)



d)



5. A star that we see in the sky is

a) moon

b) sun

c) comet

d) meteor

6. You can identify that mother has cooked your favourite halwa, without seeing, by its smell. The sense organ which you use here is

a) ear

b) eyes

c) tongue

d) nose

7. The fruit which grows on a climber in the following is

a) apple

b) grapes

c) papaya

d) melon

8. The animal that lives in water is

a) whale

b) elephant

c) giraffe

d) camel

9. There are no seeds in

- a) a pomegranate      b) a mango      c) a water melon      d) a potato

10. We do not need water in which of these activities ?

a)



b)



c)



d)



11. What is true about the animal shown below?

- a) it carries load      b) it lives in desert  
c) it helps in transportation      d) all of these



12. The oil which we cannot consume is

- a) Engine oil      b) groundnut oil      c) mustard oil      d) coconut oil

13. The group which has only living things in the following is

a)

Fire, water, Air

b)

Books, tables, pencils

c)

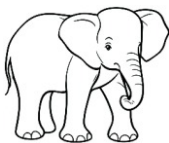
Tree, children, insects

d)

Rivers, mountain, clouds

14. The omnivorous animal in the following is

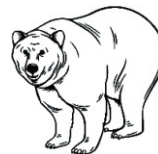
a)



b)



c)



d)



15. Non living things cannot

- a) grow      b) give birth to young ones  
c) breathe      d) do any of the above

## SECTION B: EVERYDAY SCIENCE

16. To make chapatis, your mother uses flour made from

- a) wheat      b) custard      c) vanilla      d) fruits

17. We do not see which of the following in the night sky?

- a) stars      b) moon      c) sun      d) both (a) and (b)

18. How many times should we water our plants in a month?

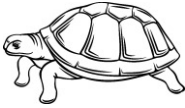
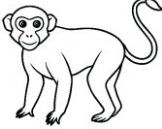


- a) once      b) twice      c) weekly      d) daily

19. In your school, while playing, which of these will you avoid?

- a) going to playground      b) rushing down the stairs  
c) playing in teams      d) following rules of the game

20. You will cross the road when

- a) there is traffic from both sides      b) your light is red  
c) vehicles have green light      d) you have a green signal

21. Which of these animals can we keep at our home as pet?  
 a) cat                                      b) parrot                                      c) guinea pig                                      d) all of these
22. "I live both in water and on land. I have a long life too." Who am I?  
 a)                                       b)                                       c)                                       d) 
23. Pick the odd one out in the following-  
 a) wool                                      b) leather                                      c) silk                                      d) cotton
24. Which of these houses is often seen in a village?  
 a) Bungalow                                      b) hut                                      c) sky scraper                                      d) apartment
25. People often use mop to clean their house. It is used for  
 a) sweeping                                      b) removing spider webs  
 c) wiping the floor                                      d) dusting the shelves
26. The fruit which makes your food spicy is  
 a) gourd                                      b) brinjal                                      c) garlic                                      d) chili
27. We should plant more trees because  
 a) trees give us fresh air to breathe                                      b) trees absorb noise  
 c) trees give us fruit, wood and shade                                      d) all of these
28. You can distinguish between an ice cream and a coffee even when you are blind-folded. The sense organ which works here is  
 a) Skin-hotness or coldness                                      b) nose-smell  
 c) both a) and b)                                      d) eyes-colour
29. How many animal products in your refrigerator do you find? Count from the grid given below.

milk	bread	butter	cheese	chocolate
ice-candy	curd	cream	tomato puree	lemons

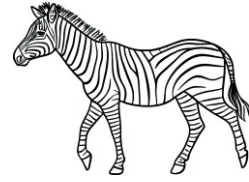
- a) 4                                      b) 5                                      c) 6                                      d) 7
30. The house that we live in, protects us from everything of the following except  
 a) heat, cold or rain                                      b) thieves and robbers                                      c) wild animals                                      d) earthquake

### SECTION C: MINDATHON LITTLE SCIENTISTS

31. "I am a house made from white bricks of snow.  
 I am the place where you will find eskimos"  
 What type of house am I?  
 a) Igloo                                      b) caravan                                      c) tent                                      d) house boat

32. We can see similar black and white stripes on the road at a place where

- a) we can play
- b) we cross the road
- c) we park our cars
- d) we can play music



33. The juice of which of the following can be used in place of sugar?



34. The correct order of celestial bodies in increasing order of their size is

- a) earth→moon→star
- b) star→moon→earth
- c) moon→star→earth
- d) moon→earth→star

35. We see a band of seven colours in the sky when

- a) it is sunny
- b) it is raining
- c) sun shines after the rainfall
- d) it rains after the sunshine