

INTERNATIONAL INDIAN SCHOOL BURAIDAH

CLASS 7th SCIENCE TERM-1 SAMPLE PAPER

Date: 23.09.24

Time: 2 Hr30 Min

M.M. 60

A. MULTIPLE CHOICE QUESTIONS :-

1x5=5

1. _____ is released during Photosynthesis
a) **Oxygen** b) CO₂ c) smoke d) nothing
2. Water is absorbed from undigested food in
a) Stomach b) mouth c) small intestine d) **large intestine**
3. Wool is a _____ conductor of heat.
a) **Poor** b) good
c) excellent d) heavy
4. Micro-organisms act upon the dead plants to produce
a) sand b) mushrooms c) **humus** d) wood
5. Forests provide us
a) Oxygen b) wood c) rain d) **all of these**

B. FILL IN THE BLANKS:-

1x5=5

6. A forest is a purifier of _____.
7. The food synthesized by the plants is stored as _____.
8. When carbon dioxide is passed through lime water, it turns milky due to the formation of _____.
9. Temperature of boiling water cannot be measured by a _____ thermometer.
10. Amoeba digests its food in the _____.

C. ANSWER THE FOLLOWING IN ONE WORD OR A SENTENCE :-

1x5=5

11. Name two insects found in the forests.
12. What is the normal temperature of the human body?
13. Which part of digestive tract is involved in chewing of food?
14. Name the essential requirements for Photosynthesis.
15. What is the formula of speed?

D. For question numbers 16 and 17, two statements are given- one labelled Assertion (A) and the

other labelled Reason (R).

1x2=2

Select the correct answer to these questions from the codes (a), (b), (c) and (d) as given

Below:

- a) Both A and R are true and R is correct explanation of the assertion.
- b) Both A and R are true but R is not the correct explanation of the assertion
- c) A is true but R is false.
- d) A is false but R is true

16. Assertion (A) - Tearing of paper into small pieces is a Chemical change.

Reason(R) - It is not possible to rejoin small paper bits to get back the original paper.

17. Assertion (A): When a pendulum moves to and fro from its fixed position it is said to complete one oscillation.

Reason (R): Time period is the time taken by a pendulum to complete one oscillation.

E. ANSWER ANY FIVE OF THE VERY SHORT ANSWER TYPE QUESTIONS:

2X5=10

- 18. Define Parasite and give example .
- 19. How would you test the presence of starch in leaves?
- 20. A simple pendulum takes 42 sec to complete 10 oscillations. What is the time period of the pendulum?
- 21. Show the shape of distance – time graph for the motion in
 - A) a car moving with a constant speed. B) A car parked on a side road
- 22. How would you show that setting of curd is a chemical change?
- 23. What are villi ? What is their location and function ?

F. ANSWER ANY SIX OF THE SHORT ANSWER TYPE QUESTIONS:

3X6=18

- 24. Explain why there is a need of variety of animals and plants in a forest.
- 25. Give 2 examples for each of straight line motion, circular motion and oscillatory motion.
- 26. When baking soda is mixed with lemon juice , bubbles are formed with the evolution of a gas . What type of change is it? Explain.
- 27. Discuss why wearing more layer of clothing during winter keep us warmer than wearing just one thick piece of clothing ?

28. Name the type of carbohydrate that can be digested by ruminants but not by humans . Give the reason also.

29. What are decomposers? Name any two of them .What do they do in the forests?

30. Write one similarity and one difference between the nutrition in amoeba and human being.

G. ANSWER ANY THREE OF THE LONG ANSWER TYPE QUESTIONS:

5x3=15

31. Draw a well labelled diagram of Human Digestive system.

32. Give a brief description of the process of synthesis of food in green plants. Draw the diagram also to support your answer.

33. Draw a well labelled diagram of Amoeba.

34. Write down the Chemical reactions taking place for the formation of a) Calcium carbonate

b) Rust