

7th Class Science

September 2022 First Term Examination

M.M. = 70

Time = 3 hrs

PART- A (1-30 are One Mark Questions)

I. Multiple Choice Questions:-

1. Food Factory of the plants is-

- A) Leaf B) Stem C) Root D) Flower

2. Animals that eat only plants are called –

- A) Carnivores B) Herbivores C) Omnivores D) Saprophytes

3. Secretion of Liver is –

- A) Proteins B) Bile C) Carbohydrates D) Saliva

4. The Earthworm respire through-

- A) Trachea B) Gills C) Lungs D) Skin

5. During Heavy Exercise, we get cramps due to-

- A) Glucose B) Oxygen C) Lactic Acid D) Alcohol

6. Blood contains-

- A) Plasma B) WBCs C) RBCs D) All of these

7. Wool is obtained from-

- A) Sheep B) Goat C) Yak D) All of the Above

8. Tamarind contains-

- A) Acetic Acid B) Lactic Acid C) Citric Acid D) Tartaric Acid

9. Simple Pendulum is an example of Motion.

- A) Rectilinear Motion B) Oscillatory Motion C) Rotational Motion

II. Fill in the blanks: _

10. Is an asexual mode of reproduction.

11. Anther and Filament form the of a flower.

12. A clock is used to measure
13. Simple pendulum is an example of motion.
14. Electric heater works on the Effect of current.
15. Combination of two or more cells is called
16. The wire used in the bulb is called
17. Rearing of Silkworm is called
18. Long hair on the body protect animals from

III. State TRUE or FALSE:-

19. Air is a bad conductor of heat.
20. Rearing of Silkmoths is called Apiculture.
21. Ant's sting has Oxalic Acid.
22. Sodium Hydroxide turns blue litmus red.
23. Vinegar contains Acetic Acid.
24. The SI unit of Speed is km/s.
25. Speed is the distance travelled by an object per unit time.
26. The device used to measure the speed of a vehicle is odometer.
27. An electric bell works on the principle of an electromagnet.

IV. Match the following:-

- | | |
|---------------------|--------------------------------|
| 28. Mulberry Leaves | a) Ant's Sting |
| 29. Calamine | b) Sour in Taste |
| 30. Formic Acid | c) Tortoise |
| 31. Acids | d) Electromagnet |
| 32. Periodic Motion | e) Safety Device |
| 33. Slow Motion | f) Zinc Carbonate |
| 34. Electric Fuse | g) Food of Silkworm |
| 35. Magnetic Crane | h) Motion of a Simple Pendulum |

Part B (1-10 Questions carry 2 marks each.)

1. Write four types of human teeth and their functions.
2. Why does an over watered potted plant die?
3. Name the reproductive parts of a flower.
4. Name any two plant fibres and two animal fibres.
5. Name any two common acids and two common bases.
6. What is neutralization ? Give one example.
7. Define speed. Give its SI unit.
8. Name the instrument used for measuring a) the speed of a moving vehicle, b) the distance moved by a vehicle.
9. Define: a) An electric Cell b) A battery
10. What is an electromagnet? How does it work?

Part C (1-5 Questions carry 3 marks each.)

1. How does Pitcher plant catch insects?
2. State three differences between Acids and Bases.
3. Draw a labeled diagram of an excretory system.
4. Find the time period of a simple pendulum which takes 25 s to complete 50 oscillations.
5. Draw an electric circuit with one battery, one bulb and one switch in open position.