

Class : 6

Chennai district

THIRD TERM - SUMMATIVE ASSESSMENT(SA) - 2024-25

Time Allowed : 2.00 Hours

SCIENCE

PART - I

Prepared by.

(Max. Marks : 60)

I. Choose the correct answer.

1. A magnet always has ^{poles.} b) Two c) Three d) Four
2. Mariner's compass is used to find the b) Displacement c) Direction d) Motion
3. Around 97% of water available on earth is c) Salty d) Polluted
4. The molecular formula for water is b) H₂O c) N₂O d) OH
5. Natural adhesives are made from c) Starch d) Vitamins
6. Producers are c) Plants d) Snakes
7. It is a Biodegradable Waste b) Coconut shell c) Glass d) Aluminium
8. Natural Mosquito repellent is d) Neem
9. Which is the National Tree of India? c) Banyan Tree d) Mango Tree
10. a) Android is an operating system. b) Chrome c) Internet d) Pen Drive

PART - II

II. Answer any 15 questions of the following.

15x2=30

11. Write the names of substances attracted by Magnets and not attracted by Magnets? Pin, Nails Glass, Rubber.
12. Explain the Attraction and Repulsion between Magnetic Poles. Like Poles repel each other; unlike poles attract each other
13. Circle the odd ones and Give reason. i) Lift, Escalator, Electromagnetic train, Electric bulb. — non magnet runs with electricity
ii) Iron Nails, Pin, Rubber tube, Needle. — non magnetic substance
14. Name four Different Sources of Water. Rain, River, Lake, Pond.
15. Fill in the blanks.
 i) Water Cycle is also called as Hydrological Cycle.
 ii) Every year, October 16 is celebrated as World Food Day.
16. What are the three main constituents of Soap?
(Ans) Olive oil, Animal fat, Concentrated NaOH

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17. What are the uses of Plaster of Paris? → For setting fractured bones, making casts for statues

18. Analogy:

- i) Urea : Inorganic Fertilizer :: Vermi compost : Organic fertilizer
 ii) Mango : Fruit :: Maize : Cereal

19. What are Pollutants? Substances that cause pollution.

20. What are the pollution caused by the objects given below?

- a) Loud speaker - Noise pollution
 b) Plastic - Land pollution

21. What is Biodegradable Waste.

22. Arrange the following in a correct sequence and form a food chain:

- i) Rabbit → Carrot → Eagle → Snake Carrot - Rabbit - Snake - Eagle
 ii) Human → Insect → Algae → Fish Algae - Insect - Fish - human

23. Match the following :

- a) Hard wood - Chloramine 2
 b) Neem - Spice B
 c) Clove - Cereals 4
 d) Millet - Teak wood 1.

24. What are the Medicinal Plants? Plants used as medicine Ex Neem, Tulsi

25. What are the uses of Timber? → Construction of buildings, making furniture

26. What is Symbiotic Relationship?

27. What are the types of Pollution? Air Pollution, water pollution, land pollution, Noise pollution

28. True or False.

- i) Silkworm eats Mulberry leaves. ✓
 ii) Sea water can be used for Irrigation as such. X

29. What is Hardware?

(Ans) Parts of Computer which we can touch and feel. Ex CPU, CD Drive
 PART - III

III. Answer in detail (any 4)

4x5=20

30. How does the Electro Magnetic Train work?

31. Differentiate between Surface Water and Ground Water.

32. What is Rain Water Harvesting? Explain in a few sentences how it can be used in Houses.

33. Explain what is RCC and Give its uses?

34. Write a short note on Noise Pollution?

35. Write short notes on Timber Yielding Plants.

26) The relationship that benefits both plants and animals is Symbiotic relationship
 Ex Animals rely on plants for food - Plants rely on animals for CO₂.