

THIRD TERM EXAMINATION – 2024
SUMMATIVE ASSESSMENT - SCIENCE

A

Class: 6**Time :2 Hrs.****Marks: 60****I. Choose the correct answer.****8 x 1 = 8**

1. Magnets lose their properties when they are _____.
a) used b) stored c) hit with hammer d) cleaned
2. People who made mariner's compass for the first time.
a) Indians b) Europeans c) Chinese d) Egyptians
3. Which of the following processes add water vapour to the atmosphere?
i) Transpiration ii) Precipitation iii) Condensation iv) Evaporation
a) ii & iii b) ii & iv c) i & iv d) i & ii
4. Around 97% of water available on earth is _____ water.
a) fresh b) pure c) salty d) polluted
5. Phenol is a _____.
a) carbolic acid b) acetic acid c) benzoic acid d) hydrochloric acid
6. Natural adhesives are made from _____.
a) protein b) fat c) starch d) vitamins
7. _____ is a biodegradable waste.
a) Plastic b) Coconut shell c) Glass d) Aluminium
8. Which of the following is not a root?
a) Potato b) Carrot c) Radish d) Turnip

II. Fill in the blanks.**5 x 1 = 5**

9. Paper is a _____ material.
10. The process of changing water into water vapour is called _____.
11. _____ is called as farmer's friend.
12. The 3R's are Reduce, _____ and Recycle.
13. I am the state tree of Tamil Nadu. Who am I? _____.

III. State true or false.**5 x 1 = 5**

14. Rubber is a magnetic material.
15. Sea water can be used for irrigation as such.
16. Plaster of paris is obtained from heating gypsum.
17. Bacteria and fungi are called decomposers.
18. Cotton cloth is not suitable for summer season.

IV. Match the following.**5 x 1 = 5**

19. Hardwood - C₆H₅OH
 20. Magnetic poles - Terrestrial Ecosystem
 21. Surface water - Maximum magnetic strength
 22. Phenol - Teak
 23. Desert - Lake

V. Complete the analogy.**3 x 1 = 3**

24. _____ : Natural adhesives :: Cello tape : Artificial adhesives
 25. Coconut : Fibre :: Rose : _____.
 26. Bees : Pollinators :: Earthworms : _____.

VI. Write short answer (any seven).**7 x 2 = 14**

27. Write about the attraction and repulsion between magnetic poles.
 28. Write the causes of water scarcity in India.
 29. Write any two uses of the plaster of paris.
 30. Arrange the following in a correct sequence and form a food chain.

Human → Insect → Algae → Fish

31. Define ecosystem.
 32. The desert has less water. Give the reason.
 33. What do you mean by Operating system?
 34. What is hardware?
 35. Name four different sources of water.

VII. Answer in details.**4 x 5 = 20**

36. (a) Take a glass of water with a few pins inside. How will you take out the pins without dipping your hands into water?

(Or)

(b) What is potable water? List down its characteristics.

37. (a) How are detergents manufactured?

(Or)

(b) Write a short note on noise pollution.

38. (a) Write short note on Timber yielding plants.

(Or)

(b) What is Free and Open Source Software? Give any two examples.

39. (a) Differentiate biodegradable and non-biodegradable wastes.

(Or)

(b) What is rain water harvesting? Explain in a few sentences how it can be used in houses.