

Tsi6S

Tenkasi District

Summative Assessment - 2025

21-04-25

Standard 6SCIENCE

Marks: 60

10x1=10

Time: 2.00 Hours

I. Choose the correct option:

- 1) An object that is attracted by magnet
 - a) Wooden piece
 - b) Plain pins
 - c) eraser
 - d) a piece of paper
- 2) Mariner's compass is used to find the
 - a) speed
 - b) displacement
 - c) direction
 - d) motion
- 3) Around 97% of water available on earth is water
 - a) fresh
 - b) pure
 - c) salty
 - d) polluted
- 4) Which of the following is not a part of water cycle?
 - a) evaporation
 - b) condensation
 - c) rain
 - d) distillation
- 5) Phenol is
 - a) Carbolic acid
 - b) acetic acid
 - c) benzoic acid
 - d) hydrochloric acid
- 6) Producers are
 - a) Animals
 - b) Birds
 - c) Plants
 - d) Snakes
- 7) It is a biodegradable waste
 - a) plastic
 - b) coconut shell
 - c) glass
 - d) aluminium
- 8) Natural Mosquito repellent is
 - a) Nut mag
 - b) Bamboo
 - c) Ginger
 - d) Neem
- 9) Which is the national tree of India?
 - a) Neem Tree
 - b) Jack Tree
 - c) Banyan Tree
 - d) Mango Tree
- 10) is a operating system
 - a) Android
 - b) Chrome
 - c) Internet
 - d) Pendrive

II. Answer any 15 questions:

15x2=30

11) Fill in the blanks

- i) Paper is not a material
- ii) A magnet always has poles

12) True or False. If false, give the correct statement

- i) Rubber is a magnetic material
- ii) Similar poles of a magnet repel each other

13) Match the following

- | | |
|--------------------|-----------------------------|
| i) Compass | - Maximum magnetic strength |
| ii) Attraction | - Like poles |
| iii) Repulsion | - Opposite poles |
| iv) Magnetic poles | - Magnetic needle |

14) Explain the attraction and repulsion between magnetic poles

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- 16) Name the places where water is found as ice
- 17) What are the types of rain water harvesting?
- 18) What are the three main constituents of soap?
- 19) Give an example for inorganic fertilizer
- 20) Why earthworm is called as farmer's friend?
- 21) **Arrange the following in a correct sequence and form a food chain**
 - 1) Rabbit → Carrot → Eagle → Snake
 - 2) Human → Insect → Algae → Fish
- 22) Define Ecosystem
- 23) What are the pollutions caused by the objects given below?
 - a) Loud speaker b) Plastic
- 24) Write the importance of the food chain
- 25) What is food?
- 26) What are medicinal plants?
- 27) What are the uses of timber?
- 28) Write the uses of neem?
- 29) What is Hardware and Software
- 30) What do you mean by operating system? How it works?

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III. Answer the following questions:

4x5=20

- 31) a) You are provided with an iron needle. How will you magnetize it?
 (OR)
 b) How does the electromagnetic train work?
- 32) a) What is potable water? List down its characteristics
 (OR)
 b) Explain the process of manufacturing cement?
- 33) a) How are detergents manufactured?
 (OR)
 b) Write a short note on noise pollution?
- 34) a) Write short notes on - Timber yielding plants
 (OR)
 b) Comment on importance of plant animal interaction.
