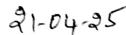
Tsi6S

#### Tenkasi District



## Summative Assessment - 2025



Standard 6
SCIENCE

Time: 2.00 Hours

Marks: 60 10x1=10

# I. Choose the correct option:

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
- $\epsilon$ ) 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 repellant 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 ;

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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 SIVAKUWAR M
- 25) What is food?

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- 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?

## 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.