

Tsi8S

Tenkasi District Common Examinations  
Second Mid Term Test - November 2022



**Standard - 8**

**SCIENCE**

Time: 1:30 Hrs

Marks: 50

**Part - A**

**I. Choose the correct answer.**

**8x1=8**

1. The electrification of two different bodies on rubbing is because of the transfer of
  - a) neutron
  - b) protons
  - c) electrons
  - d) protons and neutron
2. Sound waves. travel very fast in
  - a) air
  - b) metals
  - c) vacuum
  - d) liquids
3. The range of audible frequency for the human ear is
  - a) 2 Hz to 2000 Hz
  - b) 20 Hz to 2000 Hz
  - c) 20 Hz to 20000Hz
  - d) 200 Hz to 20000 Hz
4. Cathode rays are made up of
  - a) neutral particles
  - b) positively charged particles
  - c) negatively charged particles
  - d) None of the above.
5. Which of the following is a water pollutant?
  - a) Lead
  - b) Alum
  - c) oxygen
  - d) Chlorine
6. Water changes to ice at
  - a) 0°C
  - b) 100°C
  - c) 102°C
  - d) 98°C
7. \_\_\_\_\_ joints are Immovable
  - a) Shoulder and arm
  - b) knee and joint
  - c) upper jaw and Skull
  - d) Lower jaw and upper jaw.
8. External ear (pinna) is supported by
  - a) bone
  - b) cartilage
  - c) tendon
  - d) capsule

**II. Answer any six of the following.**

**6x2=12**

9. What is electric Circuit?
10. Give any two uses of electroplating
11. Match the following.
 

i) Ultrasonics	- Frequency below 20Hz
ii) Speed of sound in air	- Needs material medium
iii) Infrasonics	- 330 ms <sup>-1</sup>
iv) Sound propagation	- Frequency more than 20000Hz
12. State the law of conservation of mass.
13. Write names of the following compounds.
  - a) CO
  - b) PCl<sub>5</sub>
14. Sea water is unfit for drinking. Give reason.
15. What is skeleton? cranium?

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16. How is the Skeleton of a bird well-suited for flying?

**III. Answer any four of the following.**

**4x4=16**

17. How lightning takes place?

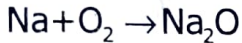
18. What are the hazards of noise pollution?

19. Write the properties of anode rays.

20. a) Match the following.

- |                      |                   |
|----------------------|-------------------|
| i) Universal solvent | - Kills germs     |
| ii) Hard water       | - Ozonisation     |
| iii) Boiling         | - water           |
| iv) Sterilization    | - Stomach ailment |

b) Balance the chemical equation.



21. Name the different types of joints? Give One example for each type.

22. Differentiate "Movement and Locomotion"

**IV. Answer all the questions.**

**2x7=14**

23. a) Describe an experiment to show that sound cannot travel through vacuum.

(Or)

b) Explain the different ways by which water gets polluted.

24. a) Discuss various types of movements seen in living organism.

(Or)

b) Write a short note on different types of muscles.

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