

Department of Education Thanjavur district

Slip test 2

Class:10

SCIENCE

Total marks:50

Time:1.30 Hrs

I Answer any 10 questions only.

10×2=20

- 1.State Snell's Law.
2. Why are traffic signals red in colour?
3. Differentiate convex lens and concave lens.
4. What is rust? Give the equation for formation of Rust.
5. A is a silvery white metal A combines with O_2 to form B at $800^\circ C$, the alloy of A is used in making the aircraft Find A and B.
6. State two conditions necessary for rusting of iron.
7. Why is the Sinoatrial node called the pace maker of heart?
8. Match the following
 1. Leukemia - Allergic condition
 2. Monocytes - Blood cancer
 3. Eosinophils - Inflammation
 4. Neutrophils - Phagocyte
9. What is the importance of valves in the heart?
10. What are the structures involved in the protection of brain?
11. Define reflex arc.
12. Draw the diagram of Neuron and label any four parts.

II answer any four questions only.

4×4=16

13. List any five properties of light.
14. Explain the rules for obtaining images formed by a convex lens with the help of ray diagrams.
15. What are the alloys of Aluminium? Give their uses.
16. Enumerate the functions of Blood.
17. Classify Neurons based on its structure.
18. Differentiate between
 - a) Systol and Diastole.
 - B) Voluntary and Involuntary actions.

III Answer all the questions.

7×2=14

19. What is refractive index? Differentiate the eye defects Myopia and Hypermetropia.
(or) What are the types of corrosion? Name the methods of preventing corrosions?
20. What is transpiration? Give the importance of transpiration.
(or) Illustrate the structure and functions of brain.