

SECOND MIDTERM EXAM - 2022

CLASS : 8

SCIENCE

MARKS : 50

TIME : 1.30 HRS

PART - A**I. Choose the Correct Answer.****10 x 1 = 10**

1. The electrification of two different bodies on rubbing is because of the transfer of
a) neutrons b) protons c) electrons d) protons and neutrons
2. Example of Insulator
a) Copper b) Wood c) Iron d) Aluminium
3. Sound waves travel very fast in
a) air b) metals c) vacuum d) liquids
4. Find the odd one out
a) Harmonium b) Flute c) Nadaswaram d) Violin
5. In water, hydrogen and oxygen are combined in the ratio of by mass.
a) 1 : 8 b) 8 : 1 c) 2 : 3 d) 1 : 3
6. Cathode rays are made up of
a) neutral particles b) positively charged particles
c) negatively charged particles d) None of the above
7. Water changes to ice at
a) 0°C b) 100°C c) 102°C d) 98°C
8. External ear (pinna) is supported by
a) bone b) Cartilage c) tendon d) capsule
9. Which one of the following categories of vertebrae are correctly numbered?
a) Cervical - 7 b) Thoracic - 10 c) Lumbar - 4 d) Sacral - 4
10. Adam's apple is the growth of the
a) Pharynx b) Thyroid c) larynx d) Parathyroid

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

11. Household circuit is connected by
12. is a negatively charged particle.
13. The boiling point of water is
14. muscle makes pupil of eyes wider.
15. Iron deficiency leads to

PART - B**IV. Answer any 10 of the following questions****10 x 2 = 10**

16. What is earthing?

17. What is electroplating?
18. Give reason for the following :
When a comb is rubbed with dry hair it attracts small bits of paper.
19. What is an ultrasonic sound?
20. What are the hazards of noise pollution?
21. State the law of conservation of mass?
22. Write the names of the following compounds. a) CO b) N₂O
23. Match the following :

a) Law of conservation of mass	-	Sir William Crookes
b) Law of constant proportion	-	Gold Stein
c) Cathode rays	-	Joseph Pronst
d) Anode rays	-	Lavoisier
24. Define specific heat capacity?
25. Give reasons for the following. Ice floats on water
26. What is cranium?
27. Differentiate axial and apperiducular skelton?
28. State true or false. If false correct the statement.
 - a) There are 12 pairs of ribs in human body.
 - b) Hinge joint is slightly movable joint.
29. What is adolescence?
30. What is fertilization?

PART - C

IV. Answer in detail.

3 x 5 = 15

31. Explain series and parallel circuit. (OR)
32. What steps should be taken to reduce the effect of noise pollution?
33. Write the chemical formula for the following compounds.

a) Aluminium sulphate	b) Silver nitrate	c) Magnesium Oxide
d) Barium Chloride	e) Calcium Chloride	(OR)
34. Explain the different ways by which water gets polluted?
35. Name the different types of joints? Give one example fo each type. (OR)
36. Explain the nutritional needs of adolescence in brief.