823b

## **HALF YEARLY EXAMINATION - 2023**

8 - STD

## SCIENCE

TIME: 2.30 Hrs

Marks: 100

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10 x 1 = 10

1. The unit of Pressure is .......

a) Pascal

b) Poise

c) Newton

d) Metre

2. Conduction is the way of heat transfer which takes place in a ......

b) Solid

c) gas

3. ..... revolve around the nucleus indifferent paths called orbits.

a) Protons

b) Electrons

c) Neutrons

4. The range of audible frequency for the human ear is

a) 2 Hz to 2000 Hz

b) 20 Hz to 2000 Hz

e) 20 Hz to 20,000 Hz

d) 200 Hz to 20,000 Hz

5. In water hydrogen and oxygen are combined in the ratio of ...... by mass.

a) 1:8

b) 8:1

c) 2:3

In acidic solutions blue litrons changes into ...... colour.

a) blue

b) green

c) red

7. The boiling point of water is .......

a) 0°C

b) 100°C

c) 4°C

d) 38°C

8. Micro organisms are measured in ..........

b) mm

e) micron

d) meter

9. External ear is supported by

a) bone

b) Cartilage

c) tendon

d) capsule

10. Adolescence is the period of life between ...... years of age.

a) 10 to 16

b) 11 to 17

d) 11 to 20

II. Fill in the blanks

11. ..... is used to measure electric current. ameter 12. The spherical mirror used as a rear view mirror in the vehicle is democratical mirror used as a rear view mirror in the vehicle is

13. The body which has lost electrons becomes post + 1 pe

14. Sound is produced by W. L. Dation

15. ..... is the enzyme responsible for browning of vegetables and fruits. Pelyphenel

16. Proton is deflected towards the ...... charged. NP.

17. The chemical name of water is D.Y. Lydro gen

18. The first true land plant is DARTI Keply 40

20. ...... helps to prevent thyroid gland related diseases.

 $5 \times 1 = 5$ 

 $10 \times 1 = 10$ 

III. State True or False. If false give the correct answer.

21. In parallel circuit, current remains the same in all components.

22. The process of converting a substance from solid state to gaseous state is called contensation.

23. Acids are corresive in nature:

24. Hinge joint is slightly movable joint.

25. Human beings are warm blooded in nature.

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