

QL **FIRST TERM SUMMATIVE ASSESSMENT EXAMINATION - 2024**

7 - Std

SCIENCE

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Time : 2.00 Hrs.

MARKS : 60

I Choose the correct answer.

10 X 1 = 10

1. SI unit of density is
a) kg m^2 b) kg/m^3 c) kg/m d) g/m^3
2. Light year is the unit of
a) distance b) time c) density d) both length and time
3. Suppose the boy is enjoying a ride on a merry go round which is moving with a constant speed of 10 m/s. It implies that boy is
a) at rest b) moving with no acceleration
c) in accelerated motion d) moving with uniform velocity
4. Which one of the following is an example for a metal?
a) Iron b) Oxygen c) Helium d) Water
5. The metal which is liquid at room temperature is
a) Chlorine b) Sulphur c) Mercury d) Silver
6. is the positively charged.
a) Proton b) Electron c) Molecule d) Neutron
7. The atomic number of an atom is the
a) number of neutrons b) number of protons
c) total number of protons and neutron d) neutrons and positron
8. Reproductive parts of a plant is
a) root b) stem c) leaf d) flower
9. Climbing roots are seen in
a) betel b) black pepper
c) both of them d) none of them
10. Our living place should be
a) open b) closed
c) clean d) unclean / untidy

II Answer any 15 questions.

15 X 2 = 30

11. Fill in the blanks.

- a) One astronomical unit is equal to
- b) The area of a leaf can be measured using a

12. Arrange the following in correct sequence.

- a) 1L, 100CC, 10L, 10CC.
- b) Copper, Aluminium, Gold, Iron.

13. Analogy :

- a) Area : m^2 :: Volume :
- b) Water : kerosene :: : Aluminium.

14. **Match the following.**

- | | |
|------------------------------------|--------------------|
| a) Displacement | - Knots |
| b) Light travelling through vacuum | - Uniform velocity |
| c) Speed of ship | - Metre |
| d) Stability | - Larger base area |

15. Distinguish between speed and velocity.

16. **True / False.**

- a) NaCl represents one molecule of sodium chloride.
b) Argon is mono atomic gas.

17. What are compounds? Give two examples.

18. Write the chemical formula for the following elements.

- a) Hydrogen b) Nitrogen c) Ozone d) Sulphur

19. What are isotones? Give one example.

20. What is atomic number?

21. Write two types of reproduction in plants.

22. What are the agents of pollination?

23. What is cross pollination?

24. What are thorns?

25. **Analogy :**

a) Typhoid : Bacteria :: Hepatitis :

b) Tuberculosis : Air :: Cholera :

26. What is Hygiene?

27. How to keep your hair clean and healthy?

28. Give any two communicable diseases, which spread in your locality during monsoon.

29. What is Raster Graphics?

30. **Match the following.**

- | | | |
|--------------------|---|----------------------|
| a) Animations | - | 3D |
| b) Raster | - | Visual communication |
| c) vector | - | Pixles |
| d) Virtual Reality | - | Microsoft photostory |
| e) Video story | - | Illustrator |

III Answer any four questions.

4 X 5 = 20

31. Describe the graphical method to find the area of an irregularly shaped plane figure.

32. Explain the types of stability with suitable examples.

33. List out the metals, non metals and metalloids which you use in your house, schools, compare their properties.

34. Draw the structure of an atom and explain the position of the sub-atomic particles.

35. Write a brief account on pollination.

36. Write about any three communication diseases in detail.