COMMON FIRST TERM SUMMATIVE EXAMINATION - 2024

Standard - VII

Time: 2.00 hrs   **SCIENCE**   **Marks:60**

I Choose the appropriate answer.   10x1=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. A particle is moving in a circular path of radius 'r'. The displacement after half a circle would be _____
   a) Zero   b) R   c) 2r   d) r/2

4. The metal which is liquid at room temperature is _____
   a) Chlorine   b) Sulphur   c) mercury   d) Silver

5. The sub-atomic particle which revolves around the nucleus is _____
   a) atom   b) neutron   c) electron   d) proton

6. Vegetative propagation by leaves takes place in
   a) bryophyllum   b) fungi   c) virus   d) bacteria

7. Climbing roots are seen in
   a) betel   b) black pepper   c) Both of them   d) None of them

8. Sleep is not only good for our body, but it is also good for,
   a) enjoyment   b) relaxation   c) mind   d) environment

9. Tobacco chewing causes
   a) anemia   b) periodontitis   c) tuberculosis   d) pneumonia

10. Which of the following is an example for animation?
    a) Sound communication   b) Visual communication
    c) Vector communication   d) Raster communication

II   Answer any 15 questions: 15x2=30

11. Define - Astronomical unit.

12. Fill in the blanks
    a) Density of mercury is _____
    b) One cubic metre is equal to _____ cubic centimetre

13. Analogy.
    a) Velocity : metre / Second : : Acceleration : _____
    b) Length of scale : metre : : Speed of aeroplane : _____

14. Distinguish between speed and velocity.

15. What are compounds? Give two examples.

16. Define the following terms with an example for each.
    a) Element   b) Compound   c) metal
    d) Non-metal   e) metalloid

17. **Match the following:**
   a) Velercy   -   Fe
   b) Neutral particle   -   Electrons in the outermost orbit
   c) Iron   -   Neutron
   d) Hydrogen   -   Monovalent

18. **State true or False. If false, correct the Statement.**
   The nucleus is surrounded by protons.

19. **Match the following:**
   a) Petal   :   -   Opuntia
   b) Fern   -   Bignonia
   c) Hooks   -   Spore
   d) Phylloclade   -   Attracts insect

20. What is cross pollination?
21. What are the two important parts of a flower?
22. **Fill in the blanks:**
   a) I am green colour box with garbage. I am _____
   b) Tuberculosis is caused by the bacterium _____
23. What is hygiene?
24. Name the mode of transmission of communicable diseases.
25. Define : Mastication
26. Write a note on 2D and 3D pictures.
27. Differentiate mass number from atomic number.
28. Define. molecule.
29. What is Centre of gravity?
30. Define Stability.

III   Answer all the questions   4x5=20

31. a) How will you determine the density of a stone using a measuring Jar?
                           (or)
   b) Explain the types of Stability with suitable examples?
32. a) Differentiate metals and non-metals?
                           (or)
   b) Draw the structure of an atom and explain the position of the sub - atomic particles.
33. a) Explain the underground stems.
                           (or)
   b) Write a brief account on Pollination.
34. a) Write about any three communicable disease?
                           (or)
   b) How the diseases are transmitted from person to the other person?

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