

T FIRST TERM SUMMATIVE EXAM - 2024

Standard - VII

Time : 2.00 hrs

SCIENCE

Marks: 60

I. Choose the correct answer:-

12×1=12

- 1) SI unit of density is _____
a) Kg/m² b) Kg/m³ c) Kg/m d) g/m²
- 2) _____ is an example for a metal
a) Iron b) Oxygen c) Helium d) Water
- 3) The metal which is in liquid at room temperature
a) Chlorine b) Sulphur c) Mercury d) Silver
- 4) _____ is positively charged particle
a) Proton b) Electron c) molecule d) Neutron
- 5) _____ is an insectivorous plant
a) Onion b) Nepenthes c) Ginger d) Turmeric
- 6) Vegetative propagation by leaves takes place in _____
a) Bryophyllum b) fungi c) virus d) bacteria
- 7) Reproductive part of a plant is _____
a) Root b) Stem c) Leaf d) Flower
- 8) Our living place should be _____
a) Open b) closed c) clean d) unclean/untidy
- 9) Tobacco chewing causes _____
a) Anemia b) Periolontis c) Tuberculosis d) Pneumonia
- 10) _____ is an example for animation
a) Sound communication b) Visual communication
c) Vector communication d) Raster communication
- 11) _____ software is used to create symbols
a) Photoshop b) Illustrator c) vector graphics d) photo story
- 12) _____ is derived unit
a) mass b) time c) area d) length

II. Fill in the blanks:-

5×1=5

- 13) In _____ equilibrium the centre of gravity remains at the same height when it is displaced.
- 14) The smaller particles of matter that can exist by itself is _____
- 15) Eyes are considered as _____ to the world
- 16) Onion and garlic are examples for _____
- 17) The _____ revolve around the nucleus.

III. Match the following:-

5×1=5

- 18) Rabies - Opuntia
- 19) Tuberculosis - Avicenia

- 20) Phylloclade - Chrysanthemum
 21) Breathing roots - Mycobacterium
 22) Sucker - Hydrophobia

IV. Answer any 9 questions from the following:-**9×2=18**

- 23) Define: Pollination.
 24) What is Raster graphics?
 25) Analogy:
 a) Tuberculosis: Air Cholera : _____
 b) Typhoid: Bacteria Hepatitis : _____
 26) Give any two communicable diseases which spread in your locality during monsoon.
 27) Write True or False. If false write the correct statement
 a) Leaves of Aloe vera are fleshy and store water.
 b) NaCl represent one molecule of sodium chloride.
 28) A solid cylinder of mass 280kg has a volume of 4m^3 . Find the density of a cylinder.
 29) What is one light year?
 30) What do you mean by constant acceleration?
 31) Write the chemical formula for the following elements
 a) Hydrogen b) Nitrogen c) Ozone d) Sulphur
 32) What is atomicity of elements?
 33) Why neutrons are called neutral particles?
 34) Name the mode of transmission of communicable diseases.

V. Answer in detail: (any 4)**4×5=20**

- 35) Write the chemical formula and the name of the elements present in the following compounds.
 i) Sodium chloride ii) Potassium hydroxide iii) Carbon dioxide
 iv) Calcium oxide v) Sulphur dioxide
 36) With the help of microsoft photostory how will you create a video?
 37) Draw and label the parts of a flower.
 38) The atomic number and the mass number of an element is 26 and 56 respectively. Calculate the number of electrons, protons and neutrons in its atom.
 39) Differentiate metals and non metals.
 40) List the situations in which first aid is given. What would you do if a person suffers from skin burns?
