



Unit Test - 3 : 2020-21
Std-9 (English Medium)
Subject : Science (11)

Time : 45 Minutes

Total Marks : 25

Instructions : * This question paper contains 12 sub questions.

* All the questions are compulsory.

Section-A

Answer the following questions as directed : 4

- Q-1 Name the scientist who first coined the term 'Protoplasm' ?
- Q-2 Which physical identity has the unit ms^{-2} ?
- Q-3 State if the following statement is true OR false; and if false kindly rectify the statement :
"Particles of suspension can not be seen with a naked eye."
- Q-4 Which of the following factors are not responsible that make a soil ?
(A) Sun (B) Water (C) Wind (D) Polythene Bag

Section-B

Answer the Following questions in short as directed. 8

- Q-5 Which of the following substances will show "Tyndall effect" ?
(A) Salt Solution (B) Milk (C) Copper Sulphate Solution (D) Starch Solution
- Q-6 Name the following Organelles performing the following functions :
(A) Power house of cell
(B) Channel transportation from nucleus to cytoplasm
(C) Sac Containing digestive enzymes
(D) Kitchen of the cell
- Q-7 Differentiate between the term "Speed" and "Velocity" ?
- Q-8 Which of the following methods are practically used to stop or control of soil erosion ?

Section-C

Answer the following question briefly : 9

- Q-9 Using the concept of distance time graph derive the relation $v=u+at$.
- Q-10 Draw a neat and a labelled diagram of an animal cell ?
- Q-11 What do you understand by Water Pollution ? Explain its effects.

Section-D

Answer in detail. 4

- Q-12 How can we separate a mixture of two immiscible liquids; describe with a neat diagram the method of sublimation ?
