

Worksheet

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date:

Name:

ID No.....

Tick the Choice Question

- The basic structural and functional unit of all living organisms is a/an**
 - organ
 - tissue
 - cell
 - proteins
- The cell was discovered by**
 - Robert Brown
 - Leeuwenhoek
 - Robert Hooke
 - Flemming
- The cell will swell if**
 - the medium surrounding the cell has a higher water concentration than the cell
 - the medium has exactly the same water concentration as the cell
 - the medium has lower concentration of water than the cell
 - concentration of water molecules does not matter
- Chromosomes are made up of**
 - DNA
 - protein
 - both DNA and protein
 - RNA
- Cell theory was given by**
 - Schleiden and Schwann
 - Virchow
 - Hooke
 - Haeckel
- Amoeba acquires its food through a process known as**
 - plasmolysis
 - endocytosis
 - exocytosis
 - both exocytosis and endocytosis
- The plant cell wall is mainly composed of**
 - proteins
 - lipids
 - cellulose
 - none of these
- An undefined nuclear region containing only nucleic acid in prokaryotes is known as**
 - nucleolus
 - nucleus
 - nucleoid
 - none of these
- The organisms lacking nucleus and membrane-bound organelles are**
 - prokaryotes
 - diploids
 - eukaryotes
 - none of these
- Two immiscible liquids are separated by**
 - distillation
 - fractional distillation
 - chromatography
 - separating funnel