

QUIZ: UNIT OF LIFE-1

- Cells were first discovered in 1665 by
 - Leeuwenhoek
 - Robert Hooke
 - Robert Brown
 - R. Virchow
- All cells arise from pre-existing cells. This concept was proposed by
 - Robert Brown
 - R. Virchow
 - Purkinje
 - Leeuwenhoek
- Choose the correct combination of characters of prokaryotic cell from the following table.

A 70s Ribosomes	B Double membrane bound organelles present	C True nucleus absent
D Cell wall absent	E Mitochondria and chloroplasts present	F Membrane bound organelles absent

- A, C, F
 - A, C, D, F
 - C, D, F
 - A, B, C, E
- Which of the following statement is NOT true?
 - In eukaryotic cells protein synthesis occurs not only in cytoplasm but also inside some organelles
 - Viruses do not possess any membrane
 - Eukaryotic chromosome is composed of DNA only
 - Eukaryotic chromosome is a nucleoprotein complex

5. All prokaryotic organisms are
- (a) Unicellular
 - (b) Unicellular and multicellular
 - (c) All are Obligate heterotrophs
 - (d) Organisms with cells having a nuclear membrane

Answers:

- 1. (b)
- 2. (b)
- 3. (a)
- 4. (c)
- 5. (a)