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NCERT Class VIII Science Solutions: Chapter 8 - Cell Structure and Functions Part 1

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MULTIPLE CHOICE QUESTIONS

Question 1:

Choose the correct statement with respect to unicellular organisms:

1. In unicellular organisms, tissues work in co-ordination to perform different functions.
2. Unicellular organisms do not require food.
3. Unicellular organisms respire and reproduce.
4. All unicellular organisms move by cilia.

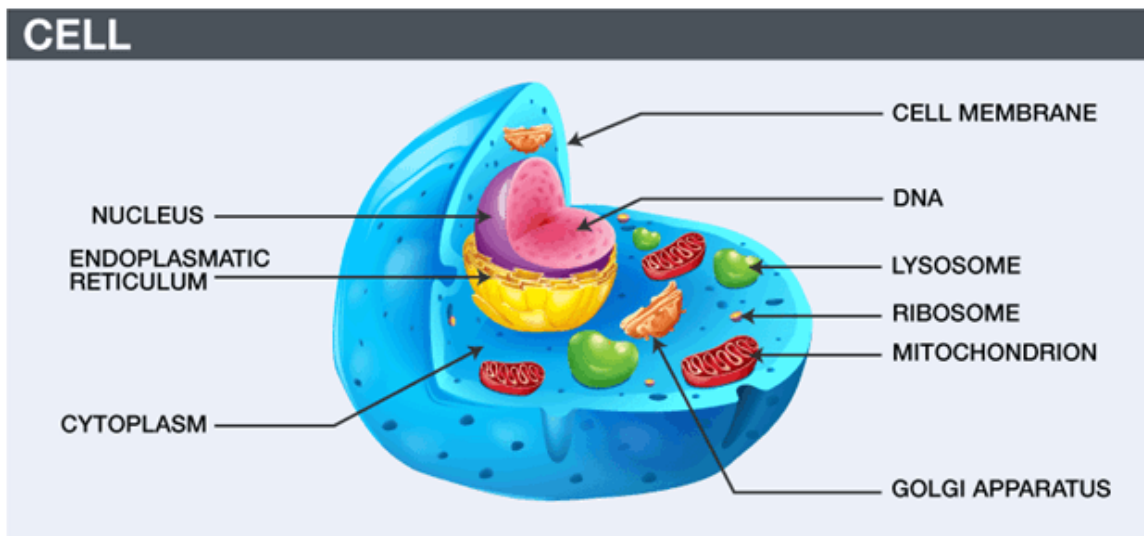
Answer: C

Question 2:

Majority of cells cannot be seen directly with our naked eyes because

1. Organisms are generally unicellular
2. Cells are microscopic
3. Cells are present only inside the body
4. Cells are grouped into tissues

Answer: B

**Question 3:**

Read the different combinations of terms given below:

1. Cell wall, cell membrane, nucleus, plastid
2. Cell wall, nucleus, ribosome, chromosome
3. Cell membrane, mitochondria, ribosome, chromosome
4. Cell membrane, ribosome, mitochondria, chloroplast.

The correct combination of terms with reference to an animal cell is _____.

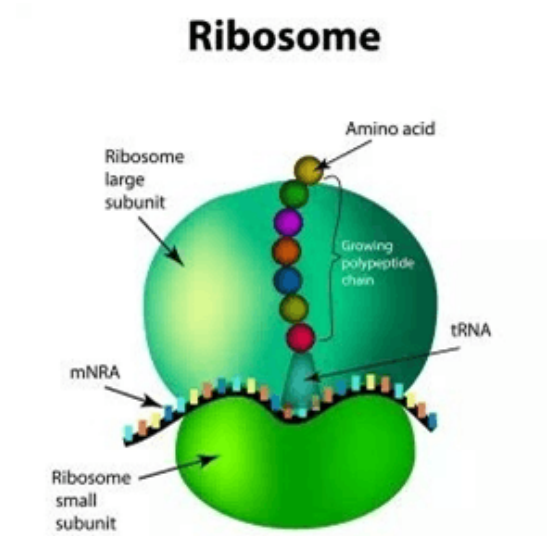
Answer: C

Question 4:

Which one of the following term is not a part of the nucleus?

1. Ribosome
2. Nucleolus
3. Chromosome
4. Gene

Answer: A



Question 5:

A suitable term for the various components of cells is

1. Tissue
2. Cell organelles
3. Chromosomes
4. Genes

Answer: B

Question 6:

The jelly-like fluid substance present in cells is called

1. Protoplasm
2. Chromosome
3. Chloroplast
4. Cytoplasm

Answer: D

Question 7:

Read the following pairs of examples of organisms:

1. Moss and sponge
2. Yeast and Amoeba
3. Bacteria and blue-green alga
4. Penicillium and Spirogyra

The pair that belongs to the group prokaryotes is_____

Answer: C

What are Blue-Green Algae?

- Bacteria, called **Cyanobacteria**
- Photosynthesize like plants and green algae
- Found in fresh and marine water
- Many different species



Lake Stellacoon