



# SHIKSHA CLASSES

Sub. : Science

Question Paper

Marks : 20

Std. : VIII<sup>th</sup> - S.B.

10. Cell and Cell Organelles

Time : 45 min.

**Q.1(A) : Choose the correct alternative**

2

1) During starvation -----digest stored protein,fats

a) Mitochondria    b) Lysosomes    c) Vacuole    d) None of these

2) -----is the packing department.

a) Mitochondria    b) Lysosomes    c) Vacuole    d) Golgi Complex

**Q.1(B) : Solve any one of the following question**

1

1) Find the odd one out

DNA,Ribosomes,Chlorophyll

2) Who I am?

I am a chemical factory of the cell

3) Write true or false

Homeostasis is maintained in the cell by plasma membrane.

**Q.2(A) : Give reason (Any One)**

2

1) Raisins swell after keeping in plain water.

2) Vacuoles do not have any typical size or shape.

**Q.2(B): Solve any two of the following question.**

4

1) Write the function of Cytoplasm and Nucleus.

2) Draw neat and labelled diagram of mitochondria.

3) Who gives the colour to a) Red tomato b) carrot c) Green leaf d) violet

4) What happened when plasma membrane had not been selectively permeable.

**Q.3 : Solve any two of the following question.**

6

1) Describe the structure of the nucleus in the cell

2) Write the difference between plant cell and animal cell.

3) What are the three type of solution according to concentration?

4) Define    a)Diffusion    b) Osmosis    c)prokaryotic cell

**Q.4 : Solve any One of the following question.**

5

1) Explain Golgi Complex.What are the functions of Golgi Complex?

2)How does endosmosis and exosmosis occur in the cell?

\* \* \*

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