



The Secondary Stage of Grades (6-8) School Year 2022- 2023

Name: _____ **Key** _____

Subject: science worksheet (1)

Date: / /

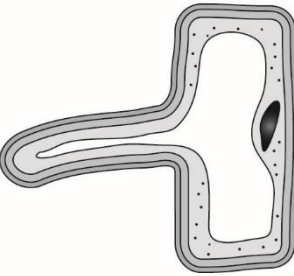
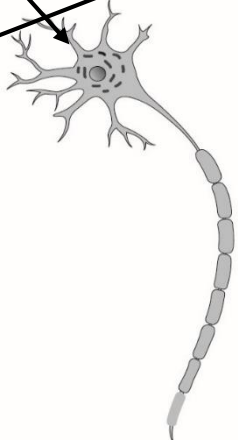
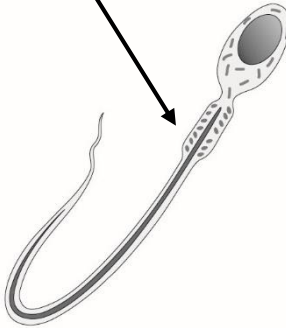

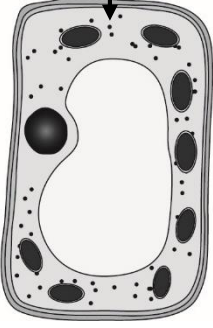
Class: Grade 6 section (A)

Objectives:

- To be able to identify different types of specialized cells.
- Understanding organization in unicellular organisms.
- Describe the process of diffusion.

Question 1 :

Match the following specialized cells with its name.

Nerve cell	Sperm cell	Muscles cells	Root hair cell	Leaf cell
				

Accredited by



Cambridge Assessment
International Education
Cambridge International School

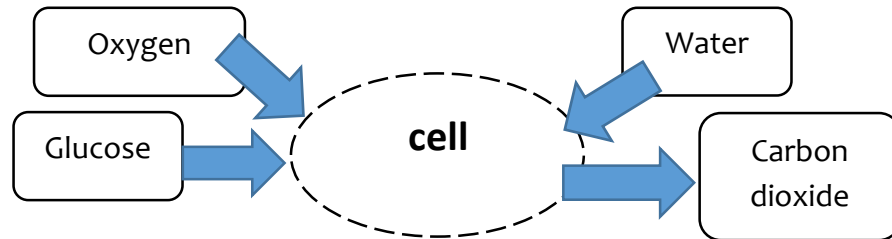
edexcel



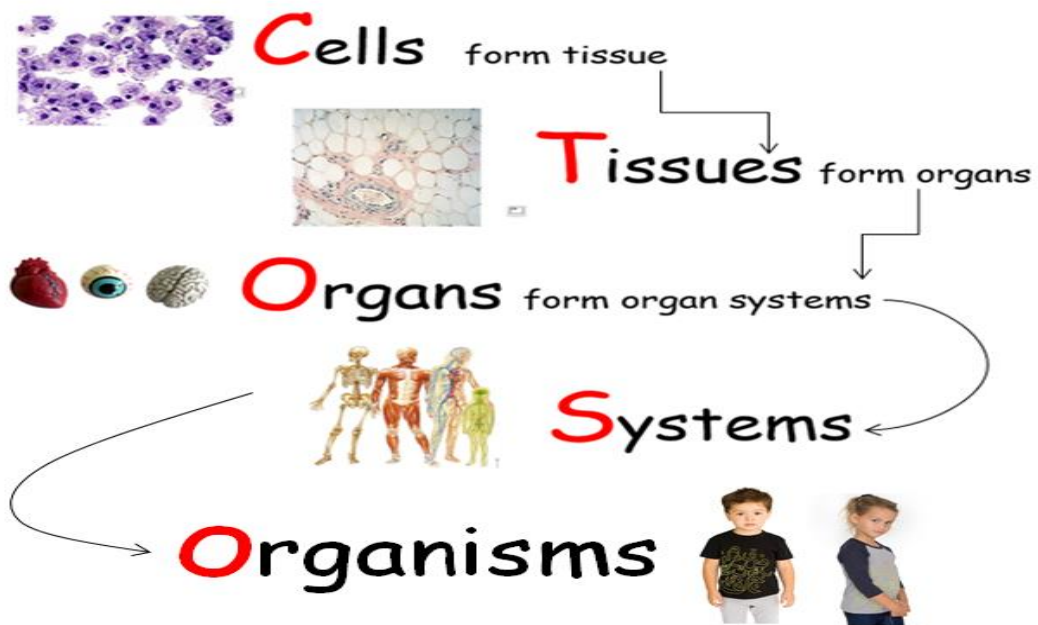
Question 2 :

Diffusion is a very important process that allows different substances to pass through the cell membrane.

Draw arrows to show the direction of movements for the following substances

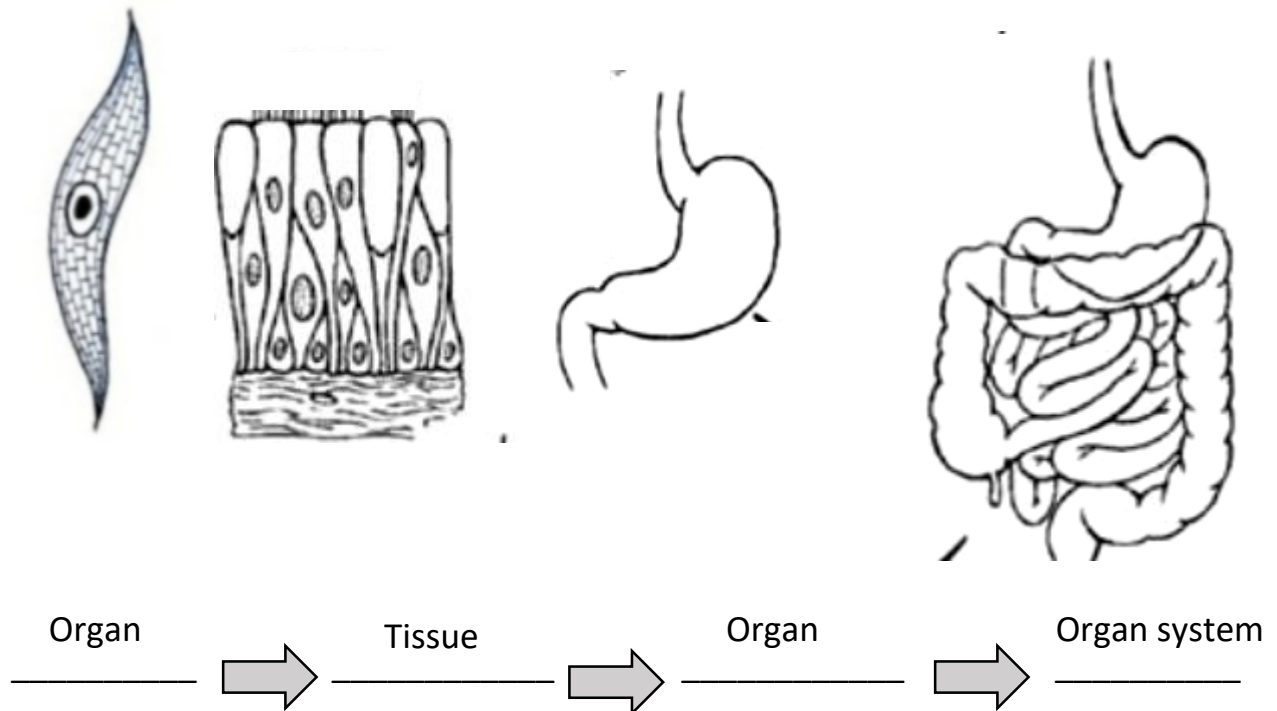


Remember that the organization in multicellular organisms is :



Question 3 :

Write the order for organization in multicellular organisms:



Factors affecting diffusion

1- temperature.

The higher the temperature → more rapid diffusion

Because the particles have more energy and moves faster

2-concentration of solution's the number of particles in a given volume.

The greater the concentration → faster diffusion

3- surface area.

Higher surface area-to-volume ratio → faster diffusion