

PART I (10 marks)

1-Complete the columns by giving the adjective, the noun and the verb:

adjective	noun	verb
.....	move
.....	Strength
heavy

Part II: (10 marks)

❖ Fill in the gaps in the sentences according to the definitions. The first two letters are given.

- 1- The **av**..... diameter of most cells is 1-100 μm which can be visualized by light microscope. (*mean*)
- 2-The hepatitis B virus is present throughout the world and the cause of **re**..... epidemics, (*recurrent*)
- 3-Glycolysis, the metabolic pathway that converts glucose C₆H₁₂O₆ into pyruvate, is a series of reactions in which the result of each **st** causes the next, (*stage, part of the process*)
- 4-The blood vessels of the fetus can be seen through the **th**..... skin,(*≠ thick*)
- 5-The experiment enables the students to **ca**..... the rate of cell mitosis, (*work out*)
- 6-Under stress, the heart **be**..... faster.(*pulsates*)
- 7-The volume of the amniotic fluid is **ab**60 ml. (*roughly, approximately*)
- 8- The cell is the **lo**.....level of structure capable of performing all the activities of life. (*≠highest*)
- 9-The fetus **fo** its own temperature from 30 weeks onwards. (*monitors, controls*)
- 10-The cell chronobiology is the study of the **da** changes in the cell activities.(*over a period of 24 hours, circadian rhythm*)

Part-III:

-Complete the following expressions (1.5 marks)

- It 5cmwidth;
- It is 5 cm;
- It a of 5 cm;

➤height is 5cm.

-Give the definition of “*multicellular organism*”. (1 mark)

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Good luck