

PART-I: (10 marks)

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

- 1- The blood vessels of the fetus can be seen through the *Thin* skin (*≠ thick*)
- 2- The fetus *monitors* its own temperature from 30 weeks onwards. (*controls, follows*)
- 3- The strength of a steel alloy depends on the *ratio* of iron to carbon. (*mathematical relationship of proportion*)
- 4- The hepatitis B virus is present throughout the world and the cause of *re-current* epidemics, (*repeated, again and again*)
- 5- The experiment enables the students to *work out* the rate of cell mitosis, (*calculate, two words*)
- 6- Under stress, the heart *pulsates* faster. (*beats*)
- 7- The volume of the amniotic fluid is *roughly* 60 ml. (*about, approximately*)
- 8- Six days after fertilization, the embryo consists of a *cluster* of 100-300 cells, (*agglomeration, concentrated group*)
- 9- A major health problem is that medical facilities are not *evenly* distributed across the country, (*regularly, equally*)
- 10- The cell chronobiology is the study of the *daily* changes in the cell activities. (*over a period of 24 hours, circadian rhythm*)

Part-II: Complete the following expressions (3 marks)

- 1 > It *is* 175cm *in* height;
- 0,5 > It is 175 cm *high*;
- 1 > It *has* a *height* of 175 cm;
- 0,6 > *Its* height is 175cm.

Part-III: Give the definition of "the eukaryotic organism". (1 mark)

0,5
The eukaryotic organism *is* a living being with cells having true nucleus.