

PART- I: (10) Fill in the gaps in the sentences according to the definitions. The first two letters are given.

(1) 1- Organisms composed of aggregates of specialized cells are **multicellular** (Composed of several cells)

(1) 2-The **average** diameter of most cells is 1-100 μm. (mean)

(1) 3-Most cells can be **observed** by light microscope. (monitored)

(1) 4- Bacteria constitute a **wide** domain of prokaryotic microorganisms. (large)

(1) 5- Bacteria inhabit soil, water, acidic hot springs, radioactive waste and the **deep** portions of Earth's crust. (the adjective from to deepen)

(1) 6- Bacteria have a number of shapes, **ranging** from spheres to rods and spirals. (extending)

(1) 7- Changes in the pattern, density and length of the blood vessels were **recorded** daily.(registered)

(1) 8- Vascularized phase in which the tumour growth **speeds up** (≠ slows down, two words).

(1) 9- There are **nearly** 5×10^{30} bacteria on Earth. (almost)

(1) 10- Bacteria are vital in many **steps** of the nutrient cycle by recycling nutrients such as the fixation of nitrogen from the atmosphere. (stages)

PART- II: (8)

A) Write a question about the underlined words.

➤ The fetus monitors its own temperature from 30 weeks onwards. (2.5)

When does the fetus begin to monitor its own temperature?

0.5

0.5

0.25

0.5

0.25

0.5

OR

At what stage does the fetus begin to monitor its own temperature?

OR

In which week does the fetus begin to monitor its own temperature?

➤ There are approximately 5×10^{30} bacteria on Earth. (2.5)

How many bacteria are there on Earth?

0.5

0.5

0.25

0.5

0.25

0.5

B) Give a simple definition of "cell": (1)

The cell **is** the lowest level of structure capable of performing all the activities of life.

subjec

To be

object

C) Complete the following expressions:

The volume is 1000 cm^3 a thousand cubic centimeters (1)

X^{-17} : X to the power minus seventeen (0.5)

X to the minus seventeenth (0.5)

GOOD LUCK