

PART I (12 marks)

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

1-The hearing **ra**..... of bats is enormous; it goes from 50 to 100,000 cycles.(*from the lowest to the highest limit, extent*)

2-A six-year-old, male alligator has a **le**..... of approximately 190 centimetres.(*longitudinal dimension*)

3-Bacteria can acquire resistance to antibiotics by mutations which may **st**..... their resistance, (*make stronger*)

4-If you add two odd numbers together, you get an **ev**..... number, (*the opposite of odd*)

5-The Ebola virus produces a mortality **ra**..... which can be as high as 88% in human beings. (*a measure of frequency*)

6-Under stress, the heart **be**..... faster.(*pulsates*)

7-There will be a **re**..... of epidemics as soon as natural immunization dies out. (*they will happen again, repeated incidence*)

8-Six days after fertilization, the embryo consists of a **cl**..... of 100-300 cells, (*agglomeration, concentrated group*)

9-The skeleton of reptiles fits the general bone **pa**..... of the other vertebrates, (*schema, model*)

10-Our internal body clock governs our **da**..... rhythm , telling us when to wake up and when to feel sleepy.(*over a period of 24 hours, circadian rhythm*)

❖ -Which are the true meanings of the following sentences:

a-He goes to the hospital for a check-up every other month;

- He goes to the hospital 12 times per year.
- He goes to the hospital every second month.
- He goes to the hospital 6 times a year.

b- Two out of three road accidents are caused by alcohol.

- $\frac{2}{3}$ road accidents are caused by alcohol;
- $\frac{3}{2}$ road accidents are caused by alcohol;
- Two in three of road accidents are caused by alcohol.