

PART I (12 marks)

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

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

2-A six-year-old, male alligator has a **length** of approximately 190 centimetres.(*longitudinal dimension*) [1]

3-Bacteria can acquire resistance to antibiotics by mutations which may **strengthen** their resistance, (*make stronger*) [1]

4-If you add two odd numbers together, you get an **even** number, (*the opposite of odd*) [1]

5-The Ebola virus produces a mortality **rate** which can be as high as 88% in human beings. (*a measure of frequency*) [1]

6-Under stress, the heart **beats** faster.(*pulsates*) [1]

7-There will be a **recurrence** of epidemics as soon as natural immunization dies out. (*they will happen again, repeated incidence*) [1]

8-Six days after fertilization, the embryo consists of a **cluster** of 100-300 cells, (*agglomeration, concentrated group*) [1]

9-The skeleton of reptiles fits the general bone **pattern** of the other vertebrates, (*schema, model*) [1]

10-Our internal body clock governs our **daily** rhythm , telling us when to wake up and when to feel sleepy.(*over a period of 24 hours, circadian rhythm*) [1]

❖ -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. [0,5]

✓ He goes to the hospital 6 times a year. [0,5]

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

✓ 2/3 road accidents are caused by alcohol; [0,5]

3/2 road accidents are caused by alcohol;

✓ Two in three of road accidents are caused by alcohol. [0,5]

Good luck