

PART I (5 marks)

Fill in the gaps in the sentences, the following words are given: pattern, series, waves, daily, proportion,

- 1- Bats use a sonar system to navigate, that is to say, that they emit sound
- 2- Rydell and Arlettaz concluded that the feeding of "Tadarida teniotis" would be different.
- 3- Rydell and Arlettaz found the of large insects was significantly higher.
- 4- Lepidoptera have undergone a of genetic mutations.
- 5- Rydell and Arlettaz made a examination of samples of bat droppings.

PART II (5 marks)

❖ Complete the columns by giving the adjective, the noun and the verb:

adjective	noun	verb
moving	.....	.....
.....	.....	Strengthen
.....	weight	.....

❖ Make a sentence using the following words:

- Amount/ double/ mitosis/ cell.

.....

❖ Give the simplest definition of Escherichia coli:

.....

PartIII: (10 marks)

1-How is a biological term broken down?

Biological term=+.....+.....

2-Break down these terms by mentioning word elements , their origin and the meaning of each element .

		meaning	origin
	Oliguria	..... .....
prefix	.....	.....	.....
stem	.....	.....	.....
suffix	.....	.....	.....

		meaning	
	osteoma	.....	origin
prefix	.....	.....	.....
stem	.....	.....	.....
suffix	.....	.....	.....

3-Complete the table :

Word Part (word element)	Word Part (word element) Meaning	Word element) Example	Meaning of Example
.....	Vessel, Container	.....	-Container for seed
anti-	.....	.....	- Opposite of codon
Erythro	.....	Erythrocyte	.....
telo-	.....	.....	-End of mitosis
.....	.....	.....	The study of animals
.....	Large	.....	-Large molecules (lipids, carbohydrates, proteins, nucleic acids)
-cide	.....	-Herbicide -	-..... -Insect killer

5-Give the opposite of these terms: **catabolism** ≠; **extracellular** ≠

prophase≠

Good luck