

Step Academy Official

Student Name _____	Roll Num _____	Class Name NEW 9TH	Paper Code _____
Subject Name BIOLOGY	Time Allowed 50 MINUTES	Total Marks 30	Exam Date _____
Exam Syllabus CHAP 11			

Q1. Choose the correct answer.

1X6=6

1. What is the primary purpose of biostatistics?

- | | | | |
|-------------------------------------|--|---|---|
| (A)
To analyse
financial data | (B)
To apply
statistical
methods to
biological
sciences | (C)
To design
engineering
models | (D)
To study
historical
events |
|-------------------------------------|--|---|---|

2. Which helps to summarize and identify data set:

- | | | | |
|----------|------------|----------|---------|
| (A) Mean | (B) Median | (C) Code | (D) All |
|----------|------------|----------|---------|

3. The unit of mean is:

- | | | | |
|-------|--------|--------|--------|
| (A) m | (B) cm | (C) km | (D) mm |
|-------|--------|--------|--------|

4. They are steps to calculate median;

- | | | | |
|-------|-------|-------|-------|
| (A) 2 | (B) 3 | (C) 4 | (D) 5 |
|-------|-------|-------|-------|

5. If is the value $155+160/2$, then median of this value is:

- | | | | |
|-----------|-----------|-----------|-----------|
| (A) 157.5 | (B) 157.6 | (C) 157.7 | (D) 157.9 |
|-----------|-----------|-----------|-----------|

6. The graphical representation of data called:

- | | | | |
|---------------|----------|----------|----------|
| (A) Bar chart | (B) Data | (C) Both | (D) None |
|---------------|----------|----------|----------|

Q2. Write short answers of the following questions.

2X7=14

I . Define biostatistics.

II . What is the mode of a data set?

III . Enlist the uses of biostatistics.

IV . Explain any two used of biostatistics.

V . Give two examples of the uses of biostatistics.

VI . Write the steps to calculate media and mode.

VII . How can a bar chart is created?

Q3. Write detailed answers of the following questions.

5X2=10

1. Explain the importance of biostatistics in the field of public health.
Provide example of how it is used to inform public health decisions.

2. Discuss the differences between mean , median, and mode. Include examples where each measure is most appropriate to use.