

Biostatistics

Sr	Questions	Answers Choice
1	In biostatistics which method is used to predict future outcome based on current data.	A. Designing experiments B. Predicting outcomes C. Interpreting result D. Analysing data
2	Genetic studies use biostatistics to identify genetic markers linked to diseases like	A. Hepatitis B. Cancer C. Diabetes D. Both B and C
3	The value that appears most frequently is a data.	A. Mode B. Mean C. Median D. All above
4	In a bar chart what does the height or length of each bar represent.	A. The total number of categories B. The value for the corresponding category C. The average of all values D. The difference between the highest and lowest values
5	The middle value for a data set when the values are arranged in ascending or descending order is called.	A. Mode B. Mean C. Median D. None above
6	When constructing a bar chart which axis usually represents the categories.	A. Vertical axis B. Horizontal axis C. Both axes equally represent the categories D. Neither axis represents the categories
7	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
8	Which of the following best describes the mean of a data set.	A. The most frequent occurring value B. The sum of all values divided by the number of values C. The middle value when data is ordered D. The difference between the highest and lowest values
9	Which of the following is effective for comparing different categories and visually representing the distributions of data	A. Mode B. Bar charts C. Mean D. Median
10	If the data set is 58, 12, 15, 20 what is the median.	A. 8 B. 12 C. 15 D. 20
11	If a data set has no repeated values what is the mode.	A. There is no mode B. The median value C. The average of the data set D. The highest value
12	When the number of values in a data set is even, how is the median calculated.	A. By selecting the most frequent value B. By taking the average of the two middle values C. By choosing the middle value D. By adding all values and dividing by the total number of values
13	What is the mean of the data set 8, 9, 10, 11	A. 7 B. 9 C. 8 D. 10

14	In a data set with values 3,3,6,7,8,9,9 what is the mode.	A. 3 B. 6 C. 7 D. Both 3 and 9
15	Biostatistics is essential for	A. Designing biological experiments B. Chemical trials C. Epidemiological studies D. All above