Biostatistics

Sr	Questions	Answers Choice
1	In a data set with values 3,3,67,8,9,9 what is the mode.	A. 3 B. 6 C. 7 D. Both 3 and 9
2	Which of the following best describes the mean of a data set.	A. The most frequent occuring 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
3	What is the mean of the data set 8,9,,10,11	A. 7 B. 9 C. 8 D. 10
4	Genetic studies use biostatistics to identify genetic markers linked to diseases like	A. Hepatitis B. Cancer C. Diabetes D. Both B and C
5	Biostatistices is essential for	A. Designing biologicla experiments B. Chemicla trials C. Epidemiological studies D. All above
6	If a data set has no reprated 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
7	The value that appears most frequenctly is a data.	A. Mode B. Mean C. Median D. All above
8	Which of the followign is effective for comparing differente categories and visually representing the distributions of data	A. Mode B. Bar charts C. Mean D. Median
9	When the number of values in a data set is even, how is the median calculated.	A. By seleting 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
10	What is the primary purpose of biostatistics.	A. To analyse finacncial data B. To aply sttical methods to biological sciecnes C. To design engineering models D. To study historical events
11	In biostatictics which method is used to predict future outcom based on current data.	A. Designing experiments B. Predicting outcomes C. Interpreting result D. Analysing data
12	When constructing a bar chart which axis usually represents the categories.	A. Vertical axis B. Horizontal axis C. Both axes equaly represent the categories D. Neither axis reprents the categories
13	The middle value fo a data set when the values are arranged in ascending or descending order is called.	A. Mode B. Mean C. Median D. None above
		A. 8

14	if the data set is 5812,15,20 what is the median.	B. 12 C. 15 D. 20
15	In a bar chart what does the height or length of each bar represent.	A. The total numebr of categories B. The value fo the corresponding category C. The average of all values D. The difference between the highest and lowest values