Biostatistics

Sr	Questions	Answers Choice
1	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
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	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
4	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
5	if the data set is 5812,15,20 what is the median.	A. 8 B. 12 C. 15 D. 20
6	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
7	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
8	The value that appears most frequenctly is a data.	A. Mode B. Mean C. Median D. All above
9	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
10	Biostatistices is essential for	A. Designing biologicla experiments B. Chemicla trials C. Epidemiological studies D. All above
11	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
12	What is the mean of the data set 8,9,,10,11	A. 7 B. 9 C. 8 D. 10
13	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

14	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
15	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