15 Lecture - ENG101

Important Mcqs

- 1. What is the first step in evaluating visual data?
 - A. Analyzing the data
 - B. Identifying the type of graph or chart being used
 - C. Looking for patterns in the data
 - D. Drawing conclusions from the data

Answer: B. Identifying the type of graph or chart being used

- 2. What is the potential drawback of using different scales for different data sets on a graph?
 - A. It can make the data appear more dramatic than it really is
 - B. It can make the data appear less important than it really is
 - C. It can make the graph easier to read
 - D. It has no effect on how the data is interpreted

Answer: A. It can make the data appear more dramatic than it really is

- 3. What is a common type of graph used to show the relationship between two variables?
 - A. Bar graph
 - B. Line graph
 - C. Scatterplot
 - D. Pie chart

Answer: C. Scatterplot

- 4. Why is it important to consider the source of the data when interpreting visual data?
 - A. The source of the data can influence how it is presented
 - B. The source of the data can provide important context for the interpretation
 - C. The source of the data can be biased or have a conflict of interest
 - D. All of the above

Answer: D. All of the above

- 5. What is an example of a potential bias in visual data presentation?
 - A. Omitting important data
 - B. Labeling axes in a misleading way
 - C. Using a scale that exaggerates differences between data sets
 - D. All of the above

Answer: D. All of the above

- 6. What is a common type of graph used to show the distribution of data?
 - A. Bar graph

- B. Line graph
- C. Histogram
- D. Pie chart

Answer: C. Histogram

7. What is an example of a situation in which visual data can be misleading?

- A. When data is presented without proper context
- B. When a graph is too cluttered with information
- C. When data is presented in a straightforward manner
- D. When a graph is too simple

Answer: A. When data is presented without proper context

8. What is a common type of graph used to show the composition of a whole?

- A. Bar graph
- B. Line graph
- C. Scatterplot
- D. Pie chart

Answer: D. Pie chart

9. Why is it essential to be a critical consumer of information when evaluating visual data?

- A. To avoid being misled or making decisions based on inaccurate or biased information
- B. To make the data easier to read
- C. To find patterns in the data
- D. To draw conclusions from the data

Answer: A. To avoid being misled or making decisions based on inaccurate or biased information

10. What is a potential drawback of using a pie chart to show data?

- A. It can make differences between data sets appear more dramatic than they really are
- B. It can be difficult to compare the size of the slices accurately
- C. It can be difficult to label the different sections of the chart
- D. It has no potential drawbacks

Answer: B. It can be difficult to compare the size of the slices accurately