DON BOSCO.MATRIC.HR.SEC.SCHOOL,PARAMAKUDI
XII STD COMPUTER SCIENCE LESSON-16
ONE MARK QUESTIONS

Choose the correct answer:

1. Which kind of data encoded visually communicate a quantitative message?
   A. String B. Numbers C. Images D. None of these ANSWER: B
2. The numerical data is encoded using
   A. Dots B. Lines C. Bars D. All of these ANSWER: D
3. Which of the following is not a type of data visualization?
A. Graphs B. Picture C. Maps D. Infographics ANSWER: B
4. Which of the following is the representation of information in a graphic format?
A. Info graphics B. Graphics C. Dashboard D. Charts ANSWER: A
5. Which of the following is a collection of resources assembled to create a single unified visual display?
A. Info Graphics B. Dashboard C. Graphics D. Chats ANSWER: B
6. The most popular data visualization library in python is
A. matplotlib B. pip C. matinfolib D. matpiplib ANSWER: A
7. In python matplotlib is a
A. Control Structure B. Dictionary C. Library D. List ANSWER: C
8. Matplotlib allows you to create a
A. Table B. Charts C. Maps D. Info graphics ANSWER: B
9. How many types of visualizations are there under matplotlib?
A. 6 B. 4 C. 5 D. Many ANSWER: D
10. Which of the following is not a visualization under matplotlib?
A. Scatter plot B. Table plot C. Histogram D. Box plot ANSWER: B
11. Which of the following is a type of plot that shows the data as a collection of points?
A. Box plot B. Chart plot C. Line plot D. Scatter plot ANSWER: D
12. Which plot displays the distribution of data based on the five number summary?
A. Scatter plot B. Line plot C. Box plot D. Chart plot ANSWER: C
13. Which of the following is not a five number summary in box plot visualization?
A. First Quartile B. Second Quartile C. Third quartile D. Minimum ANSWER: B
14. Which of the following is a management software for installing python package? A. pip B. plot C. mat plot lib D. plot lib ANSWER: C
15. Which of the following method will be add inside the file to display plot? A. show ( ) B. display ( ) C. execute ( ) D. plot ( ) ANSWER: A
16. The default x.vector has the same length of y but starts with
A. 3 B. 2 C. 1 D. 0 ANSWER: D
17. Which of the following command will take an arbitrary number of arguments?
A. Show ( ) B. Plot ( ) C. Legend ( ) D. Title ( ) ANSWER: B

18. Which button will help to navigate the chart?

A. Navigate B. Pan C. Home D. Zoom ANSWER: C

19. Which button used to click and drag a graph around?

A. Pan B. Home C. Zoom D. Drag ANSWER: A

20. Which button allows to configure various spacing options with figure?

A. Configure plots B. Configure subplots

C. Subplots configure D. Plots configure   ANSWER: B

21. The different kinds of plot created using

A. Matplotlib B. Matplot C. Plotlib D. Matliplot   ANSWER: A

22. Which type of charts displays information as series of data points?

A. Bar B. Pie C. Line D. Histogram ANSWER: C

23. A line chart is type of chart which displays on formats as a data points called

A. Series B. Markers C. Plot D. Lib   ANSWER: B

24. Which type of chart shows the relationship between a numerical variable and categorical variable?

A. Line B. Bar C. Pie D. X Y Plot   ANSWER: B

25. Which refers to a graphical representation that displays data by way of bars to show the frequency of numerical data?

A. Bar chart B. Barch graph C. Pie chart D. Histogram ANSWER: D

26. Which of the following chart represents the frequency distribution of continuous variables?

A. Histogram B. Pie C. Line D. Bar ANSWER: A

27. Which of the following one indicates discontinuity?

A. Histogram B. Pie C. Bar graph D. None of these ANSWER: C

28. Which of the following plot we cannot rearrange the blocks from highest to lowest?

A. Line B. Bar chart C. Pie chart D. Histogram ANSWER: D

29. In which plot the width of the bars is always same?

A. Line B. Bar chart C. Pie chart D. Histogram ANSWER: B

30. In which plot the width of the bars may or may not be same? A. Histogram B. Pie chart C. Bar chart D. Line ANSWER: A

31. Which plot is a circular graphical representation of numerical data? A. Histogram B. Xy plot C. Bar plot D. Pie chart ANSWER: D

32. Which parameter used to display ( ) the percentage value using python string formatting in pie chart?

A. Percent B. Autopct C. Pct D. Percentage ANSWER: B

33. Data visualization used _____ graphics.

A.2D B. 3D C. Statistical D. Image ANSWER: C

34. _____ is the graphical representation of information and data. A. Data visualization B. Data graphics C. Data dimension

D. Data images ANSWER: A

35. _____ in data visualization helps to show relationship in the data for more variables.

A. Tables B. Graphics C. Charts D. Dashboards ANSWER: C

36. In Scatter plot, the position of a point depends on its _____ value. A. 2 - Dimensional B. 3 - Dimensional C. 1 - Dimensional

D. 7 - Dimensional ANSWER: A

37. If a list given to the plot ( ) command, matplotlib assumes it is a sequence of ____ values.

A. X B. Y C. 0 D. 4 ANSWER: B

38. Zoom in will require _____ and drag.

A. Click B. Left click C. Double click D. Right click ANSWER: B

39. Zoom out will require _____ and drag.

A. Click B. Left click C. Double Click D. Right Click ANSWER: D

40._____ and _____ are the two ways to display data in the form of diagram.

 A. Line chart. Pie chart B. Line chart, Bar chart C. Bar graph, Histogram

D. Line chart, Histogram ANSWER: C

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