**FA-4**

**1.Which of the following does not visualize data**

1. charts
2. shapes
3. maps

**2.To import pyplot module we can write**

1. import matplotlib.pyplot as plt
2. I.mport matplotplt as plt
3. import matplotpyplot.plt

**3.box plot is a visual representation of statistical summary given of data set**

1. 3
2. 7
3. 5

**4.To create chart pyplot provides**

1. plot()
2. plt()
3. draw()

**5.Which of the following is not valid chart?**

1. line
2. Curve
3. pie

**6.To create a histogram pyplot provides**

1. his()
2. histogram()
3. hist()

**7.Which of the following describes pie chart the best**

1. comparison with different dataset
2. Relationship between two dataset
3. Contribution of individual values to a total value

**8.Which chart is best for displaying countinous data**

1. histogram
2. line
3. pie

**9.to create column chart we use**

1. barh()
2. bar()
3. box()

**10.to view changes in data over a period of time we use?**

1. box()
2. bar()
3. line

**11.Which attribute of plot( ) function is used to set the width of line in line plot?**

1. linewidth
2. widthline
3. widthofline

**12.Which attribute of plot( ) function is used to set the edge color of bar in bar chart?**

1. bordercolor
2. edgecolor
3. colorofedge

**13.Which parameter of plot( ) function help to set the values of bins in Histogram?**

1. bins
2. bin
3. binvalue

**14.What protocol can be used to retrieve web pages using python?**

1. get
2. https
3. post

**15.What is a python library that can be used to send and receive data over HTTP?**

1. urllib
2. https
3. header

**16.What does the following block of code do?**

**url = "https://www.nytimes.com"**

**html = requests.get(url)**

**soup = BeautifulSoup(html, 'html.parser')**

1. retrieves and displays the webpage
2. downloads the webpage
3. parses the html content of the "https://www.nytimes.com" webpage.

**17.What does the following block of code print?**

**url = "https://www.nytimes.com/"**

**html = requests.get(url)**

**soup = BeautifulSoup(html, 'html.parser')**

**tags = soup('img')**

**for tag in tags:**

**print(tag.get('src', None))**

1. prints all the 'img' sources under 'src' from 'www.nytimes.com'
2. downloads the webpage
3. retrieves and displays the webpage

**18.import requests**

**fhand = requests.get('http://data.pr4e.org/romeo.txt')**

**for line in fhand:**

**print(line.decode().strip())**

1. It finds the urls linked to 'data.pr4e.org' and prints it.
2. It prints the contents of 'romeo.txt' after retrieving it from 'data.pr4e.org'
3. It creates a file named 'romeo.txt' in 'data.pr4e.org'

**19.Given the below html, how would this tag type be described in web scraping code?**

**<h1 class='sports'>Sports News</h1>**

1. h1, class\_='sports'
2. h1, class='sports'
3. h1', class\_='sports'

**20.What is URI**

1. Uniform Resource Identity
2. Uniform Resourcer Identifier
3. Uniform Resource Identifier

**21.status 200 means?**

1. success/OK
2. NOT MODIFIED
3. BAD REQUEST

**22.Status 404 means**

1. FORBIDDEN
2. NOT FOUND
3. UNAUTHORIZED

**23.Which of the following are the HTTP Methods**

1. GETURL
2. NOT
3. POST

**24.What does response.headers means**

1. returns a dictionary of response headers.
2. returns the encoding used to decode response.content.
3. closes the connection to the server.

**25.What does response.close() means**

1. returns a dictionary of response headers.
2. closes the connection to the server.
3. returns the encoding used to decode response.content.