

Q	SECTION-A	Marks
1.	Which device is used to regenerate the signals over long distance data transmission: <ol style="list-style-type: none"> <li>i. Switch</li> <li>ii. Modem</li> <li>iii. Repeater</li> <li>iv. None of the above</li> </ol> Answer: (iii) Repeater , 1 mark for correct answer	1
2.	Whenever we surf the Internet using smartphones we leave a trail of data reflecting the activities performed by us online, which is our ? <ol style="list-style-type: none"> <li>i. Data print</li> <li>ii. Digital activity</li> <li>iii. Digital footprint</li> <li>iv. Digital print</li> </ol> Answer: (iii) Digital Footprint, 1 mark for correct answer	1
3.	Unsolicited commercial emails is known as .....? <ol style="list-style-type: none"> <li>i. Spam</li> <li>ii. Malware</li> <li>iii. Virus</li> <li>iv. Worms</li> </ol> Ans (i) , Spam 1 mark for correct answer	1
4.	Find the output for the below sql statement: Select substr("BoardExam@2021", 4, 7); <ol style="list-style-type: none"> <li>i. ardExam</li> <li>ii. dExam@2</li> <li>iii. rdExam</li> <li>iv. rdExam@2</li> </ol> Answer: (iv) 1 mark for correct answer	1
5	What is the output of following : Select Round(19999.299,-1); <ol style="list-style-type: none"> <li>i. 199999.3</li> <li>ii. 20000.299</li> <li>iii. 2000</li> <li>iv. 20000</li> </ol> Answer :( iv) 1 mark for correct answer	1

6.	<p>Which of the following is Net Etiquette?</p> <ul style="list-style-type: none"> <li>i. Be Ethical</li> <li>ii. Be Responsible</li> <li>iii. Be Respectful</li> <li>iv. All of the above</li> </ul> <p>Answer (iv) All of the above, 1 mark for correct answer</p>	1
7.	<p>Which keyword is used to arrange the result of order by clause in descending order?</p> <ul style="list-style-type: none"> <li>i. DSEC</li> <li>ii. ASCE</li> <li>iii. DESC</li> <li>iv. ASC</li> </ul> <p>Answer: (iii) DESC, 1 mark for correct answer</p>	1
8.	<p>Which one of the following is a string function?</p> <ul style="list-style-type: none"> <li>i. COUNT()</li> <li>ii. SUBSTR()</li> <li>iii. MOD()</li> <li>iv. MAX()</li> </ul> <p>Answer (ii) SUBSTR(), 1 mark for correct answer</p>	1
9.	<p>Which one of the following functions is used to count the no of rows from the given table in MySQL?</p> <ul style="list-style-type: none"> <li>i. COUNT(*)</li> <li>ii. CARDINALITY()</li> <li>iii. COUNT(Column name )</li> <li>iv. All the above</li> </ul> <p>Answer: (i) COUNT(*), 1 mark for correct answer</p>	1
10.	<p>To display First 15 rows of a series object 'Ser1', you may write:</p> <ul style="list-style-type: none"> <li>i. Ser1.tail(15)</li> <li>ii. Ser1.head()</li> <li>iii. Ser1.head(15)</li> <li>iv. Ser1.tail()</li> </ul> <p>Answer : (iii) Ser1.head(15) , 1 mark for correct answer</p>	1
11.	<p>Which of the following statement will install pandas library in python?</p> <ul style="list-style-type: none"> <li>i. Pip install pandaspd</li> <li>ii. pip install pandas as pd</li> <li>iii. pip install pandas.pd</li> <li>iv. pip install pandas</li> </ul> <p>Answer: ( iv) pip install pandas, 1 mark for correct answer</p>	1
12	<p>Which protocol allow us to have voice calls over the internet?</p> <ul style="list-style-type: none"> <li>i. HTTP</li> <li>ii. VoIP</li> <li>iii. Video Chat</li> <li>iv. SMTP</li> </ul> <p>Answer: (ii) VoIP , 1 mark for correct answer.</p>	1
13	<p>Which one is False about MAC address?</p> <ul style="list-style-type: none"> <li>i. It is Physical Address of any device connected to the internet.</li> <li>ii. We can change MAC address of a device.</li> <li>iii. It is the address of NIC card install in network device.</li> <li>iv. It is used for track the user's over internet.</li> </ul> <p>Answer: (ii) 1 mark for correct answer.</p>	1
14	<p>Which one of the following is an output for SQL statement given below: SELECT DAYNAME('2022-12-07');</p> <ul style="list-style-type: none"> <li>i. MONDAY</li> <li>ii. WEDNESDAY</li> <li>iii. SATURDAY</li> <li>iv. FRIDAY</li> </ul> <p>Answer: (ii) WEDNESDAY, 1 mark for the correct answer</p>	1

15	<p>The act of fraudulently acquiring someone's personal and private information, such as online account names, login information and passwords is called as _____.</p> <ol style="list-style-type: none"> <li>i. Phishing</li> <li>ii. Identity Theft</li> <li>iii. Plagiarism</li> <li>iv. all the above</li> </ol> <p>Answer: (ii) Identity Theft. 1 mark for correct answer.</p>	1						
16	<p>The method used for X axis label a line graph is _____</p> <ol style="list-style-type: none"> <li>i. plt.title()</li> <li>ii. plt.ylabel()</li> <li>iii. plt.xlabel()</li> <li>iv. plt.line()</li> </ol>	1						
<p>Q17 and 18 are ASSERTION AND REASONING based questions. Mark the correct choice as</p> <ol style="list-style-type: none"> <li>i. Both A and R are true and R is the correct explanation for A</li> <li>ii. Both A and R are true and R is not the correct explanation for A</li> <li>iii. A is True but R is False</li> <li>iv. A is false but R is True</li> </ol>								
17	<p><b>Assertion (A):</b> - E-waste cause of Damage to the immune system, Skin disease, Multi ailments and Skin problems.  <b>Reasoning (R):-</b> Mostly all electronic waste comprises of toxic chemicals such as lead,beryllium, mercury etc.  <b>Answer: ( i) 1 mark for correct answer</b></p>	1						
18	<p><b>Assertion (A):</b> - When DataFrame is created by using Dictionary, keys of dictionary are set as columns of DataFrame.  <b>Reasoning (R):-</b> Boolean Indexing helps us to select the data from the DataFrames using a boolean vector.  <b>Answer:- (ii) 1 mark for correct answer</b></p>	1						
<p><b>SECTION-B</b></p>								
19	<p>Define any 2 limitations of star topology?</p> <p style="text-align: center;">OR</p> <p>Write any 2 differences between Star and Bus topology?</p> <p><b>Answer:</b></p> <ol style="list-style-type: none"> <li>1. Requires more cable length than a linear topology.</li> <li>2. Dependency on central node: If the hub, switch, or concentrator fails, nodes attached are disabled.</li> <li>3. More expensive than linear bus topologies because of the cost of the hubs, etc.</li> <li>4. Requires more cable to setup the network .</li> </ol> <p>2 mark for any 2 correct points or any other relevant points.</p> <table border="1" data-bbox="177 1720 1490 2078" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center; background-color: #90EE90;"><b>STAR Topology</b></th> <th style="text-align: center; background-color: #90EE90;"><b>BUS Topology</b></th> </tr> </thead> <tbody> <tr> <td>Star topology is a topology in which all devices are connected to a central hub</td> <td>Bus topology is a topology where each device is connected to a single cable which is known as the backbone.</td> </tr> <tr> <td>In star topology, if the central hub fails then the whole network fails.</td> <td>In a Bus topology, the failure of the network cable will cause the whole network to fail.</td> </tr> </tbody> </table> <p>2 mark for any 2 correct differences or other relevant difference</p>	<b>STAR Topology</b>	<b>BUS Topology</b>	Star topology is a topology in which all devices are connected to a central hub	Bus topology is a topology where each device is connected to a single cable which is known as the backbone.	In star topology, if the central hub fails then the whole network fails.	In a Bus topology, the failure of the network cable will cause the whole network to fail.	2
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20	<p>Anjali writes the following commands with respect to a table employee having fields, empno, name, department, commission.</p> <p>Command1 : <code>Select count(*) from employee;</code>  Command2: <code>Select count(commission) from employee;</code></p> <p>She gets the output as 4 for the first command but gets an output 3 for the second command. Explain the output with justification.</p> <p><b>Answer:</b>  This is because the column commission contains a NULL value and the aggregate functions do not take into account NULL values. Thus Command1 returns the total number of records in the table whereas Command2 returns the total number of non NULL values in the column commission.</p>	2										
21	<p>What is the difference between the order by and group by clause when used along with the <b>select</b> statement. Explain with an example.</p> <p><b>Answer:</b>  The order by clause is used to show the contents of a table/relation in a sorted manner with respect to the column mentioned after the order by clause. The contents of the column can be arranged in ascending or descending order.  The group by clause is used to group rows in a given column and then apply an aggregate function eg max(), min() etc on the entire group.  (any other relevant answer)  1 mark for correct explanation 1 mark for appropriate example</p>	2										
22	<p>Consider a given Series , M1. Write a program in Python Pandas to create the series.</p> <div style="display: flex; align-items: center; justify-content: center; gap: 20px;"> <div style="border: 1px solid black; padding: 5px;">Index</div> <div style="font-size: 3em; color: blue;">}</div> <table border="1" style="border-collapse: collapse;"> <thead> <tr> <th></th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Term1</td> <td>67</td> </tr> <tr> <td>Term2</td> <td>56</td> </tr> <tr> <td>Term3</td> <td>77</td> </tr> <tr> <td>Term4</td> <td>89</td> </tr> </tbody> </table> </div> <p><b>Answer:</b>  import pandas as pd  M1=pd.Series([45,65,24,89],index=['term1','term2','term3','term4'])</p> <p>½ mark for import statement  ½ mark for usage of Series ()  ½ mark for stating index as a list  ½ mark for creating object m1</p>		Marks	Term1	67	Term2	56	Term3	77	Term4	89	2
	Marks											
Term1	67											
Term2	56											
Term3	77											
Term4	89											
23	<p>List any two health hazards related to excessive use of Technology.</p> <p style="text-align: center;">OR</p> <p>Priya is using her internet connection to book a train ticket. This is a classic example of leaving a trail of web activities carried by her. What do we call this type of activity? What is the risk involved by such kind of activity?</p> <p><b>Answer:</b>  The continuous use of devices like smartphones, computer desktop, laptops, head phones etc cause a lot of health hazards if not addressed. These are:</p> <ol style="list-style-type: none"> <li>i. Impact on bones and joints: wrong posture or long hours of sitting in an uncomfortable position can cause muscle or bone injury.</li> <li>ii. Impact on hearing: using headphones or earphones for a prolonged time and on high volume can cause hearing problems and in severe cases hearing impairments.</li> <li>iii. Impact on eyes: This is the most common form of health hazard as prolonged hours of screen time can lead to extreme strain in the eyes.</li> </ol>	2										

iv. Sleep problem: Bright light from computer devices block a hormone called melatonin which helps us sleep. Thus we can experience sleep disorders leading to short sleep cycles.

2 marks for any two correct points

OR

We call this type of activity as Digital Footprints

Risk involved :

It includes websites we visit emails we send, and any information we submit online, etc., along with the computer’s IP address, location, and other device specific details. Such data could be used for targeted advertisement or could also be misused or exploited.

1 mark for naming the activity

1 mark for mentioning any one risk

24	<p>Given two series S1 and S2</p> <table style="margin-left: 40px; border: none;"> <tr> <td style="padding-right: 100px;">S1</td> <td>S2</td> </tr> <tr> <td>A 39</td> <td>A 10</td> </tr> <tr> <td>B 41</td> <td>B 10</td> </tr> <tr> <td>C 42</td> <td>D 10</td> </tr> <tr> <td>D 44</td> <td>F 10</td> </tr> </table> <p>Find the output for following python pandas statements?</p> <p>a. S1[:2]*100 b. S1 * S2</p> <p>Answer:</p> <p>a. A 3900 B 4100</p> <p>b. A 390 B 410 C NaN D 440 F NaN</p> <p>1 mark for each correct output</p>	S1	S2	A 39	A 10	B 41	B 10	C 42	D 10	D 44	F 10	2
S1	S2											
A 39	A 10											
B 41	B 10											
C 42	D 10											
D 44	F 10											

25	<p>Consider the following DataFrame, DF</p> <table border="1" style="margin-left: 40px; border-collapse: collapse; width: 80%;"> <thead> <tr> <th></th> <th>Rollno</th> <th>Name</th> <th>Class</th> <th>Section</th> <th>CGPA</th> </tr> </thead> <tbody> <tr> <td>St1</td> <td>1</td> <td>Aman</td> <td>IX</td> <td>E</td> <td>8.7</td> </tr> <tr> <td>St2</td> <td>2</td> <td>Preeti</td> <td>X</td> <td>F</td> <td>8.9</td> </tr> <tr> <td>St3</td> <td>3</td> <td>Kartikey</td> <td>IX</td> <td>D</td> <td>9.2</td> </tr> <tr> <td>St4</td> <td>4</td> <td>Lakshay</td> <td>X</td> <td>A</td> <td>9.4</td> </tr> </tbody> </table> <p>Write commands to :</p> <p>i. Add a new column ‘Stream’ to the Dataframe with values (Science, Commerce, Arts, Science.) ii. Add a new row with values ( 5 , Mridula ,X, F , 9.8, Science)</p> <p>Answer:</p> <p>i. DF[‘Activity’]=[‘Science’,‘Commerce’,‘Arts’, ‘Science’] ii. DF.loc[‘St5’]=[1,‘Mridula’,‘X’, ‘F’, 9.8, ‘Science’]</p> <p>1 mark for each correct answer.</p>		Rollno	Name	Class	Section	CGPA	St1	1	Aman	IX	E	8.7	St2	2	Preeti	X	F	8.9	St3	3	Kartikey	IX	D	9.2	St4	4	Lakshay	X	A	9.4	2
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**SECTION -C**

26	TABLE NAME : PHARMADB	3
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DrugID	DrugName	Manufacture Date	Price	PharmacyName	Location
5476	Amlodipine	2019-02-11	100.97	Rx Pharmacy	Delhi
2345	Paracetamol	2011-05-07	150.25	Raj Medicos	Haryana
1236	NebiStar	2021-06-02	160.27	MyChemist	Delhi
6512	VitaPlus	2019-03-01	150.81	MyChemist	Goa
5631	Levocitrezine	2018-04-12	110.23	RxPharmacy	Mumbai

Based on the above table “PHARMADB”, Write outputs for SQL commands to i to iii:

- i. SELECT SUBSTR(DrugName ,5,4) FROM PHARMADB WHERE PRICE>160;
- ii. SELECT DRUGNAME FROM PHARMADB WHERE DAY(ManufactureDate)>10;
- iii. SELECT ROUND ( Price, -1) FROM PURCHASE WHERE Location= ‘Delhi’

**Answer:**

- i. Star
- ii. Amlodipine  
Levocitrezine
- iii. 100  
200

**1 mark for each correct output**

27	<p>Consider the following DataFrame “HOSPITAL”</p> <table border="1"> <thead> <tr> <th>City</th> <th>Hospitals</th> <th>schools</th> </tr> </thead> <tbody> <tr> <td>0 Delhi</td> <td>189</td> <td>7916</td> </tr> <tr> <td>1 Mumbai</td> <td>208</td> <td>8508</td> </tr> <tr> <td>2 Kolkata</td> <td>149</td> <td>7226</td> </tr> <tr> <td>3 Chennai</td> <td>157</td> <td>7617</td> </tr> </tbody> </table> <p>Write python pandas code to create the above dataframe HOSPITAL</p> <p><b>Answer:</b>  Import pandas as pd  d1={'City':['Delhi','Mumbai','Kolkata','Chennai'],  'Hospital':[189,208,149,157],'Schools':[7916,8508,7226,7617]}  HOSPITAL=pd.DataFrame(d1)  print(df)</p> <p><b>Answer:</b>  ½ mark for correct import statement  1 mark for correct dictionary  1 mark for correct use Dataframe method  ½ mark for printstatement</p>	City	Hospitals	schools	0 Delhi	189	7916	1 Mumbai	208	8508	2 Kolkata	149	7226	3 Chennai	157	7617	3
City	Hospitals	schools															
0 Delhi	189	7916															
1 Mumbai	208	8508															
2 Kolkata	149	7226															
3 Chennai	157	7617															
28	<p>DataFrame ‘STU_DF’:</p> <table border="1"> <thead> <tr> <th>rollno</th> <th>name</th> <th>marks</th> </tr> </thead> <tbody> <tr> <td>0 115</td> <td>Pavni</td> <td>97.5</td> </tr> <tr> <td>1 236</td> <td>Rishi</td> <td>98.0</td> </tr> <tr> <td>2 307</td> <td>Preet</td> <td>98.5</td> </tr> <tr> <td>3 422</td> <td>Paul</td> <td>98.0</td> </tr> </tbody> </table> <p>Perform the following operations on the DataFrame stuDF:</p> <ol style="list-style-type: none"> <li>i. Add a new row in dataframe STU_DF with values [444,'karan',88.0]</li> <li>ii. Print no of rows and columns in dataframe STU_DF</li> <li>iii. Delete row for rollno 307.</li> </ol> <p><b>Answer:</b>  i. STU_DF.loc[4,:]= [444,'karan',88.0] or STU_DF.loc[4]= [444,'karan',88.0]  ii. print(STU_DF.shape)  iii. STU_DF.drop(2, axis = 0)</p> <p>1 marks for each correct statement.</p>	rollno	name	marks	0 115	Pavni	97.5	1 236	Rishi	98.0	2 307	Preet	98.5	3 422	Paul	98.0	3
rollno	name	marks															
0 115	Pavni	97.5															
1 236	Rishi	98.0															
2 307	Preet	98.5															
3 422	Paul	98.0															
29	<p>Identify the type of cybercrime for the following situations:</p> <ol style="list-style-type: none"> <li>i. A person complains that Rs. 4.25 lacs have been fraudulently stolen from his/her account online via some online transactions in two days using NET BANKING.</li> </ol>	3															

- ii. A person complains that his/her debit/credit card is safe with him still somebody has done shopping /ATM transaction on this card.
  - iii. A person complains that somebody has created a fake profile of Facebook and defaming his/her character with abusive comments and pictures
- OR
- As a citizen of India, what advice you should give to others for e-waste disposal ? Define them In details.

Answer:

- i. Bank Fraud
  - ii. Identity Theft
  - iii. Cyber Stalking
- 1 mark for each correct type

OR

As a citizen of india , We can advice the following principle of waste management:  
Reduce , Reuse and Recycle.  
1 mark for each correct advice with explanation.

30 3

Consider the following sql table ‘automobile’

index	company	body-style	wheel-base	num-of-cylinders	price	Dateofmanufacture
0	bmw	sedan	101.234	four	16925	1998-03-27
1	bmw	sedan	101.261	six	20970	1999-05-23
2	honda	sedan	96.538	four	12945	2000-03-02
3	honda	sedan	96.519	four	10345	2001-02-01
4	toyota	hatchback	95.727	four	5348	1999-03-01
5	toyota	hatchback	95.173	four	6338	2000-05-11

Write SQL queries using SQL functions to perform the following operations:

- i. Display company name and body wheel base after rounding off to nearest ten’s decimalplaces.
- ii. Display the position of occurrence of the string “dan” in body style.
- iii. Display the year of manufacturing for sedan;

OR

Helps Abhay to Compare Having clause and Order by clause with the help of example?

**Answer:**

- i. Select company, round(wheel-base,-1) from automobile;  
½ mark each for correct usage of Select and round()

- ii. Select instr(body-style,'dan') from automobile;  
½ mark each for correct usage of Select and instr()

- iii. Select year(dateofmanufacture) from automobile where body-style='sedan';  
½ mark each for correct usage of Select and year()

OR

Having clause is used in conjunction with group by clause in MySQL. It is used to provide condition based on grouped data. On the other hand, order by clause is an independent clause used to arrange records of a table in either ascending or descending order on the basis of one or more columns

2 marks for correct explanation and 1 mark for example.

**SECTION-D**

31 5

Write the SQL functions which will perform the following operations:

- i) To display the name of the month of the current date .
- ii) To remove spaces from the beginning and end of a string, “ Panorama “.
- iii) To display the name of the day eg, Friday or Sunday from your date of birth, dob.
- iv) To display the starting position of your first name(fname) from your whole name (name).
- v) To compute the remainder of division between two numbers, n1 and n2

OR

Define the following functions

- i. LTRIM()
- ii. MID()
- iii. MOD()
- iv. NOW()
- v. INSTR()

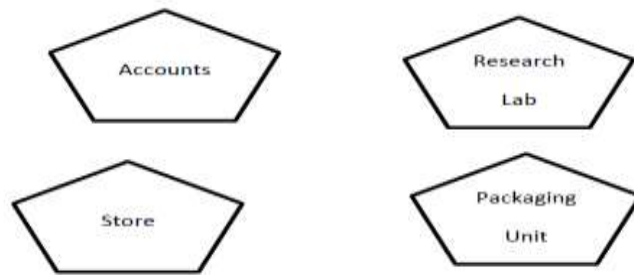
Answer:

- i. Select monthname(date(now()));
- ii. Select trim(" Panaroma "):
- iii. Select dayname(date(dob))
- iv. Select instr(name, fname);
- v. Select mod(n1,n2)

1 mark for each correct answer

OR 1 mark for each definition of MYSQL function

32 SHARMA Medicos Center has set up its new center in Delhi . It has four buildings as shown in the diagram given below: 5



Distance between various building are as follows:

Accounts to research Lab	55m
Accounts to store	150m
Store to packaging unit	160m
Packaging unit to research lab	60m
Accounts to packaging unit	125m
Store to research lab	180m

Number of Computers

Accounts	25
Research Lab	100
Store	15
Packaging Unit	60

As a network expert, provide the best possible answer for the following queries:

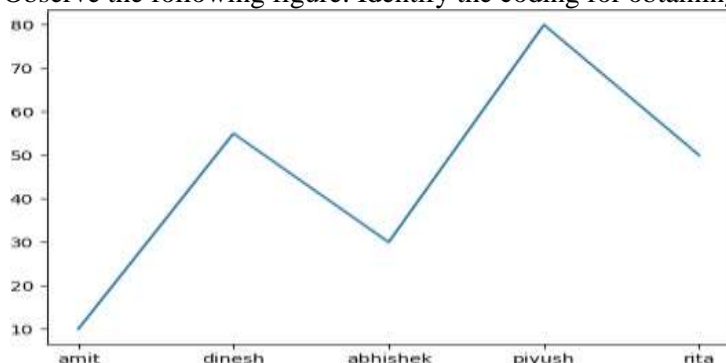
- i. Suggest a cable layout of connections between the buildings.
- ii. Suggest the most suitable place (i.e. buildings) to house the server of this organization.
- iii. Suggest the placement of the following device with justification:
  - a) Repeater
  - b) Hub/Switch
- iv. Suggest a system (hardware/software) to prevent unauthorized access to or from the network.
- v. The company is planning to link its head office situated in Delhi with the offices in hilly areas. Suggest a way to connect it economically.

Answer:

- i. 1 mark for correct layout
- ii. Research Lab
- iii. Repeater: Between Accounts and Store, Hub/Switch in each block
- iv. Firewall
- v. Radio Wave

1 mark for each correct answer or for any other relevant answer

33 Observe the following figure. Identify the coding for obtaining this as output. 5





Also give suitable python statement to save this chart  
 OR  
 Write a Python program to display a bar chart of the popularity of programming Languages  
 Data:  
 Programming languages: Java, Python, PHP, JavaScript, C#, C++  
 Popularity: 22.2, 17.6, 8.8, 8, 7.7, 6.7  
 Also give suitable python statement to save this chart

Answer:

```
a) import matplotlib.pyplot as plt
eng_marks=[10,55,30,80,50]
st_name=["amit","dinesh","abhishek","piyush","rita"]
plt.plot(st_name,eng_marks)
plt.show()
plt.savefig("aa.jpg")
```

- 1 mark for correct import statement
- 1 mark for correct declaration of marks and names
- 1 mark for correct use of plot method
- 1 mark for correct use of show method
- 1 mark for correct use of savefig method

OR

```
import matplotlib.pyplot as plt
x = ['Java', 'Python', 'PHP', 'JavaScript', 'C#', 'C++']
popularity = [22.2, 17.6, 8.8, 8, 7.7, 6.7]
plt.bar(x_pos, popularity)
plt.xlabel("Languages")
plt.ylabel("Popularity")
plt.title("Popularity of Programming Language Worldwide")
plt.show()
plt.savefig('CS.jpg')
```

- ½ mark for each correct statement
- 1 mark for correct savefig method

**SECTION -E**

34 Consider the Table CLUB given below:

COACH_ID	COACHNAME	AGE	SPORTS	DATOFAPP	PAY	SEX
1	KUKREJA	35	KARATE	1996-03-27	10000	M
2	RAVINA	34	KARATE	1997-01-20	12000	F
3	KARAN	34	SQUASH	1998-02-19	20000	M
4	TARUN	33	BASKETBALL	1998-01-01	15000	M
5	ZUBIN	36	SWIMMING	1998-01-12	7500	M

- Answer the followings based on the above mysql table 'CLUB'
- i. Write sql query to display the average pay for karate coach
  - ii. Write sql query to display month for date of appointment 'DATEOFAPP'
  - iii. Write sql query to display the details of male coach in ascending order of their age
- OR
- iv. Write SQL query to display game wise maximum pay of all coaches.

Answer:

- i. SELECT AVG(PAY) FROM CLUB WHERE SPORTS='KARATE';
- ii. SELECT MONTH(DATEOFAPP) FROM CLUB;  
1 mark for each correct query
- iii. SELECT \* FROM CLUB WHERE SEX='M' ORDER BY AGE ASC;  
OR
- iii. SELECT SPORTS,MAX(PAY) FROM CLUB GROUP BY SPORTS;  
2 mark for each correct query

35 Consider the following DataFrame, ClassDF with row index St1,St2,St3,St4

1+1+2

1+1+2

