

Question ID

19993062

Question Type

MCQ

Question

What is the cardinality and degree of the following relation?

RollNo	Name	Marks
1	Amit	10
2	Priya	20
3	Anand	22
4	Geeta	24

1. Cardinality = 3, Degree = 4

2. Cardinality = 4, Degree = 3

3. Cardinality = 3, Degree = 3

4. Cardinality = 4, Degree = 4

Options

A

1

B

2

C

3

D

4

Question ID

19993064

Question Type

MCQ

Question

Which of the following is a limitation of file system?

1. Ease of access

2. Data consistency

3. Data redundancy

4. Data independence

Options

A

1

B

2

C

3

D

4

Question ID

19993065

Question Type

MCQ

Question

Which of the following SQL command is not used for data manipulation?

1. INSERT

2. CREATE

3. UPDATE

4. DELETE

Options

A

1

B

2

C

3

D

4

Question ID

19993067

Question Type

MCQ

Which of the following is a membership operator in SQL?

Question	1. WHERE
	2. IN
	3. ORDER BY
	4. Group By
Options	
A	1
B	2
C	3
D	4

Question ID	19993070
Question Type	MCQ
Question	Identify the correct SQL statement
	1. SELECT CustID, COUNT(*) FROM SALE GROUP BY CustID HAVING Count(*)>1;
	2. SELECT CustID COUNT(*) FROM SALE HAVING Count(*)>1 GROUP BY CustID;
	3. SELECT CustID FROM SALE COUNT(*) WHERE Count(*)>1 GROUP BY CustID;
	4. SELCT CustID, COUNT(*) FROM SALE WHERE Count(*)>1 GROUP BY CustID;
Options	
A	1
B	2
C	3
D	4

Question ID	19993073
Question Type	MCQ
Question	Identify correct command to change data type of the existing attributes of a table.
	1. ALTER table_name MODIFY attribute DATATYPE;
	2. ALTER TABLE table_name MODIFY attribute DATATYPE;
	3. ALTER TABLE table_name ADD attribute_name DATATYPE;
	4. ALTER TABLE UPDATE attribute DATATYPE;
Options	
A	1
B	2
C	3
D	4

Question ID

19993075

Question Type

MCQ

Question

Match the **LIST-I** with **LIST-II**

LIST-I		LIST-II	
A.	Modem	I.	Receive analyze and transmit data to other networks
B.	Router	II.	Access point between an organisation's network and outside world
C.	RJ45	III.	Used for conversion between analog signal and digital bits
D.	Gateway	IV.	It is an eight pin connector

Choose the **correct** answer from the options given below:

1. A-I, B-III, C-II, D-IV

2. A-III, B-I, C-IV, D-II

3. A-III, B-I, C-II, D-IV
4. A-IV, B-I, C-III, D-II

Options

A	1
B	2
C	3
D	4

Question ID 19993077

Question Type MCQ

Question

What is the size of Media Access Control (MAC) address?

1. 24 bits
2. 48 bits
3. 12 bits
4. 10 bits

Options

A	1
B	2
C	3
D	4

Question ID 19993079

Question Type MCQ

Question

Consider the following table 'Student'.

Student

RollNo	Marks	CGPA
1	10	NULL
2	NULL	NULL
3	10	NULL
8	16	NULL

Arrange the following command on the basis of their result in ascending order.

- A. Select Count(Marks) from Student;
B. Select Count(RollNo) from Student;
C. Select Max(RollNo) from Student;
D. Select Min(RollNo) from Student;

Choose the **correct** answer from the options given below:

1. A, D, C, B
2. D, A, C, B
3. D, A, B, C
4. A, D, B, C

Options

A	1
B	2
C	3
D	4

Question ID 19993080

Question Type MCQ

Which of the following are types of Computer Network?

- A. Local Area Network
B. Ring Topology
C. Personal Area Network

D. Wide Area Network
E. Private Area Network

Question

Choose the **correct** answer from the options given below:

- 1. A & B Only
- 2. A, E & D Only
- 3. A, C & D Only
- 4. A & C Only

Options

A	1
B	2
C	3
D	4

Question ID

13111

Question Type

MCQ

Question

What is the output of following command?
SELECT MID("COMPUTER", 3, 5);

1. PUTER
2. MPUTE
3. MPU
4. OMP

Options

A

1

B

2

C

3

D

4

Question ID

13112

Question Type

MCQ

Question

Which of the following library provides the function create_engine()?

1. pymysql
2. pysqlchemy
3. matplotlib
4. sqlalchemy

Options

A

1

B

2

C

3

D

4

Question ID

13114

Question Type

MCQ

Question

Consider the Relations STUDENT & STUDENT_INFO given below.
STUDENT

RollNo	Name	Marks
1	Amit	80
2	Sumit	90
3	Deep	96
4	Nitin	86

STUDENT_INFO

RollNo	Name	Marks
2	Sumit	90
5	Sunil	70
6	Neelam	80
9	Seema	71

What is the output of STUDENT $\cap$ STUDENT_INFO Command?

1.

RollNo	Name	Marks
1	Amit	80
2	Sumit	90

2.

RollNo	Name	Marks
--------	------	-------

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Question ID	13116
Question Type	MCQ
Question	Consider the following Series: Name_Country = pd.Series (['America', 'India', 'China', 'Japan', 'France'], index = ['A', 'T', 'C', 'J', 'F']) What is the output of Name_Country [1 : 3]?
	1. I India C China
	2. I India C China J Japan
	3. A America I India
	4. A America I India C China
Options	
A	1
B	2
C	3
D	4

Question ID

13117

Question Type

MCQ

Consider the following two series:

Student_1 = pd.Series ([60, 80, 90, 100],
index = ['a', 'b', 'c', 'd'])

Student_2 = pd.Series ([50, 40, 58, 68],
index = ['y', 'a', 'd', 'e'])

What is the output of Student_1 + Student_2?

Question

1.

index	Student_1+Student_2
a	100
b	NaN
c	NaN
d	158
e	NaN
y	NaN

2. Error

3.

index	Student_1+Student_2
a	100

b	80
c	90
d	158
e	68
y	50
4.	
index	SUM
a	100
d	158

Options

A	1
B	2
C	3
D	4

Question ID 13119

Question Type MCQ

Question

Which of the following statement is not true?

1. pandas supports non-unique index values
2. A DataFrame is a two-dimensional labelled data structure
3. Indexing and slicing are two ways of accessing the elements of a Series
4. A Series is a two-dimensional array containing a sequence of values

Options

A	1
B	2
C	3
D	4

Question ID 13120

Question Type MCQ

Question

Which of the following plot type is not supported by plot() function in matplotlib?

1. bar
2. graph
3. box
4. area

Options

A	1
B	2
C	3
D	4

Question ID 13122

Question Type MCQ

Question

Which of the following is the correct command to plot a line plot with 'red' color line?

1. df.plot(kind = 'line', color = 'red', marker = '*', linestyle = "--")
2. df.plot(kind = 'bar', color = 'red', marker = '*', linestyle = "--")
3. df.plot(type = 'line', color = 'red', marker = '*', linestyle = "--")
4. df.plot(kind = 'line', linecolor = 'red', marker = '*', linestyle = "--")

Options

A	1
B	2
C	3
D	4

Question ID13123

Question TypeMCQ

Question

Match the **LIST-I** with **LIST-II**

LIST-I		LIST-II	
A.	isnull()	I.	to check whether a column has a missing value in entire dataset
B.	any()	II.	to drop a row with missing value in a DataFrame
C.	fillna()	III.	to check whether any value is missing or not in a DataFrame
D.	dropna()	IV.	fill missing value with specific value

Choose the **correct** answer from the options given below:

1. A-I, B-II, C-IV, D-III
2. A-III, B-I, C-IV, D-II
3. A-III, B-I, C-II, D-IV
4. A-IV, B-II, C-I, D-III

Options

A1

B2

C3

D4

Question ID13125

Question TypeMCQ

Question

Match the **LIST-I** with **LIST-II**

LIST-I		LIST-II	
A.	FTP	I.	help to extend and modify the functionality of the browser
B.	HTTP	II.	Responsible for ordering of packets while they travel through Internet
C.	TCP	III.	Used for file transfer
D.	Add-ons and plug-ins	IV.	Used to access www

Choose the **correct** answer from the options given below:

1. A-IV, B-II, C-I, D-III
2. A-III, B-IV, C-I, D-II
3. A-IV, B-III, C-I, D-II
4. A-III, B-IV, C-II, D-I

Options

A1

B2

C3

D4

Question ID13127

Question TypeMCQ

Question

Which of the following statement is not true?

1. A hub is a network device used to connect multiple devices
2. Repeater receives strong signal and forward it
3. Gateway connects organisation network with outside world
4. Modem is used for conversion between analog signals and digital bits

Options

A1

B	2
C	3
D	4

Question ID	13129
Question Type	MCQ
Question	Which of the following function(s) are used for altering the index in a DataFrame? 1. alter_index 2. reset_index and set_index 3. drop_index and delete_index 4. group_index
Options	
A	1
B	2
C	3
D	4

Question ID	13130
Question Type	MCQ
Question	Which of the following are ways to protect intellectual property? A. Copyright B. Data protection C. Plagiarism D. Patent E. Etiquettes Choose the correct answer from the options given below: 1. A, B & C Only 2. A & C Only 3. A & D Only 4. D & E Only
Options	
A	1
B	2
C	3
D	4

Question ID	13131
Question Type	MCQ
Question	Identify the correct statements from the following: A. Avoiding copyright violations is an example of net-etiquette B. Communication etiquette requires us to be precise and polite in our conversation C. Trail of data reflecting the activities performed by us online is called digital footprint D. A responsible netizen is not abide by net etiquettes. Choose the correct answer from the options given below: 1. A, B Only 2. A, B, C, D 3. A, B, C Only 4. A, B, D Only
Options	
A	1
B	2

C	3
D	4

Question ID	13132
Question Type	MCQ
Question	Which of the following is not a negative impact of using digital technologies on health? 1. Physical Fatigue 2. Bad Posture 3. Mental Happiness 4. Itchy Eyes
Options	
A	1
B	2
C	3
D	4

Question ID	13133
Question Type	MCQ
Question	Arrange the following steps in a correct sequence for solving a project. A. Providing Guidance & Monitoring a project B. Outcome C. Defining a plan D. Fix time frame & processing E. Identification of a project Choose the correct answer from the options given below: 1. A, B, C, D, E 2. E, D, C, A, B 3. E, C, D, B, A 4. E, C, D, A, B
Options	
A	1
B	2
C	3
D	4

Question ID	13135
Question Type	MCQ
Question	Arrange the following statements in correct order to show result of a pie chart. A. <code>df.plot(kind = 'pie', y = 'mass')</code> B. <code>plt.show()</code> C. <code>df = pd.DataFrame({'mass': [0.330, 4.5, 5.2], 'radius': [5, 6, 7]})</code> D. <code>import pandas as pd</code> <code>import matplotlib.pyplot as plt</code> Choose the correct answer from the options given below: 1. D, B, C, A 2. C, D, A, B 3. D, C, A, B 4. D, C, B, A
Options	
A	1
B	2
C	3

D	4
Question ID	13136
Question Type	MCQ
Question	Which of the following is not a component of Teamwork? 1. Communicate with others 2. Listen to others 3. Disrespect for others 4. Share with others
Options	
A	1
B	2
C	3
D	4