Show Reports :	No
Show Progress Bar :	No

Group I

Group Number :	1
Group Id :	64065316262
Group Maximum Duration :	0
Group Minimum Duration :	90
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	1145
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No
Revisit allowed for group Instructions? :	Yes
Maximum Instruction Time :	0
Minimum Instruction Time :	0
Group Time In :	Minutes
Navigate To Group Summary From Last Question? :	No
Disable Submit Button During Assessment? :	No
Section Selection Time? :	0
No of Optional sections to be attempted :	0

DBMS

Section Id :	64065349260
Section Number :	1

Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	50
Display Number Panel :	Yes
Section Negative Marks :	0
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	640653103245
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 1 Question Id : 640653697574 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "DIPLOMA LEVEL : DATABASE MANAGEMENT SYSTEMS (COMPUTER BASED EXAM)"

ARE YOU SURE YOU HAVE TO WRITE EXAM FOR THIS SUBJECT?

CROSS CHECK YOUR HALL TICKET TO CONFIRM THE SUBJECTS TO BE WRITTEN.

(IF IT IS NOT THE CORRECT SUBJECT, PLS CHECK THE SECTION AT THE TOP FOR THE SUBJECTS REGISTERED BY YOU)

Options :

6406532329733. ✔ YES

6406532329734. ✖ NO

Sub-Section Number : 2

Sub-Section Id : 640653103246

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 2 Question Id : 640653697575 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Consider a relation CustomerLogs($Name, Items, Restaurant, Date$) with the following data values.

Name	Items	Restaurant	Date
Zury	Coffee	Your's cafe	19-10-21
Zury	D	Our's cafe	21-10-21
B	Tea	C	E
Zury	A	Our's cafe	19-10-21

If multivalued dependency ($Name \twoheadrightarrow \{Restaurant\}$) exists in the above Customer-Logs relation, then what are the values of A, B, C, D, E?

Options :

6406532329735. ✖ A = Tea, B = Zury, C = Our's cafe, D = Tea, E = 19-10-21

6406532329736. ✖ A = Coffee, B = Zury, C = Our's cafe, D = Coffee, E = 19-10-21

6406532329737. ✖ A = Tea, B = Zury, C = Your's cafe, D = Coffee, E = 21-10-21

6406532329738. ✔ A = Coffee, B = Zury, C = Your's cafe, D = Tea , E = 21-10-21

Question Number : 3 Question Id : 640653697576 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the relation $\mathbf{R}(A, B, C, D, E, G)$ with the following sets of functional dependencies

$\mathcal{F} = \{AB \rightarrow C, AC \rightarrow B, AD \rightarrow E, B \rightarrow D, BC \rightarrow A, E \rightarrow G, B \rightarrow C\}$

Let the $\mathbf{R}$ is decomposed in two ways:

$D1 = R1(AB), R2(BC), R3(ABDE), R4(EG)$

$D2 = R1(ABC), R2(ACDE), R3(ADG)$

Which among the following statements is correct?

Options :

6406532329739. ✖ *D*1 is a lossless decomposition and *D*2 is a lossy decomposition.

6406532329740. ✖ *D*1 is a lossy decomposition and *D*2 is a lossless decomposition.

6406532329741. ✔ *D*1 and *D*2 both are lossless decompositions.

6406532329742. ✖ *D*1 and *D*2 both are lossy decompositions.

Question Number : 4 Question Id : 640653697584 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the relation:

$\text{Items}(\underline{item\_name}, item\_type, brand, price)$

There is at least one item each in the 'Food' and 'Beverage' item type categories. What will the following relational algebra expression imply?

$\Pi_{item\_name}(\sigma_{(item\_type='Beverage' \wedge brand='Keventer')}(Items)) -$
$\Pi_{item\_name}(Items \times_{(item\_type='Beverage' \wedge brand='Keventer' \wedge q='Food' \wedge price>=s \wedge r='Amul')} \rho_{(p,q,r,s)}(Items))$

Options :

6406532329764. ✔ Names of all beverage items from the brand Keventer that have lower prices than all food items from the brand Amul

6406532329765.

✖ Names of all food items from the brand Keventer that have lower prices than all beverage items from the brand Amul

6406532329766. ✖ Names of all food items from the brand Keventer that have higher prices than all food and beverage items from the brand Amul

6406532329767. ✖ Names of all beverage items from the brand Amul that have a lower price than all food and beverage items from the brand Keventer

Question Number : 5 Question Id : 640653697587 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

The following key values are inserted into a B^+ tree of order 3 in the given sequence.
The tree is initially empty.
25, 16, 9, 37, 12, 3, 44
How many node splits are required to perform these insertions?

Options :

6406532329776. ✔ 5

6406532329777. ✖ 4

6406532329778. ✖ 6

6406532329779. ✖ 3

Question Number : 6 Question Id : 640653697590 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Consider the given log records at an instance of time:

$< T_0$ start $>$
$< T_0, A, 700, 500 >$
$< T_1$ start $>$
$< T_1, B, 450, 900 >$
$< T_0, C, 1100, 1000 >$
$< T_2$ start $>$
$< T_2, D, 320, 460 >$
$< Commit\ T_2 >$
$< Checkpoint\ L >$
$< T_1, D, 460, 560 >$
$< Commit\ T_1 >$
$< T_0, B, 900, 600 >$

Table 6: Log records

Suppose there is a system crash after the last log record. What would be the values of A, B, C and D stored on disk at that point?

Options :

6406532329788. ✖ $A = 700, B = 450, C = 1000, D = 460$

6406532329789. ✖ $A = 500, B = 450, C = 1100, D = 560$

6406532329790. ✔ $A = 700, B = 900, C = 1100, D = 560$

6406532329791. ✖ $A = 500, B = 900, C = 1000, D = 560$

Sub-Section Number : 3

Sub-Section Id : 640653103247

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 7 Question Id : 640653697577 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Max. Selectable Options : 0

Question Label : Multiple Select Question

Consider a **CourseSection** relation having the attributes (*Course, Section, Instructor, RoomNo, Time*) with the following set of FDs:

$$\mathcal{F} = \{Course, Section, Time \rightarrow RoomNo, Instructor$$
$$Course, Section, Instructor \rightarrow RoomNo, Time\}$$

Which among the following is/are the prime attributes for the relation **CourseSection**

Options :

6406532329743. ✔ *Course*

6406532329744. ✖ *RoomNo*

6406532329745. ✔ *Instructor*

6406532329746. ✖ None of these

Sub-Section Number :	4
Sub-Section Id :	640653103248
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Id : 640653697578 Question Type : COMPREHENSION Sub Question Shuffling Allowed : No Group Comprehension Questions : No Question Pattern Type : NonMatrix Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Question Numbers : (8 to 9)

Question Label : Comprehension

Consider the following table 1 which gives information about the runs scored by Virat Kohli in the world cup 2023 and answer the given subquestions.

Runs	Mins	BF	4s	6s	SR	Dismissal	opposition	Venue	Date
85	171	116	6	0	73.27	Caught	Australia	Chennai	8 Oct 2023
55	64	56	6	0	98.21	Not out	Afghanistan	Delhi	11 Oct 2023
16	31	18	3	0	88.88	Caught	Pakistan	Ahmedabad	14 Oct 2023
103	113	97	6	4	106.18	Not out	Bangladesh	Pune	19 Oct 2023
95	154	104	8	2	91.34	Caught	New Zealand	Dharamsala	22 Oct 2023
0	12	9	0	0	0.00	Caught	England	Lucknow	29 Oct 2023
88	139	94	11	0	93.61	Caught	Sri Lanka	Wankhede	2 Nov 2023
101	195	121	10	0	83.47	Not out	South Africa	Eden Gardens	5 Nov 2023
51	69	56	5	1	91.07	Bowled	Netherlands	Bengaluru	12 Nov 2023
117	149	113	9	2	103.53	Caught	New Zealand	Wankhede	15 Nov 2023
54	99	63	4	0	85.71	Bowled	Australia	Ahmedabad	19 Nov 2023

Table 1: Cricket_stats

Sub questions

Question Number : 8 Question Id : 640653697579 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Choose the correct SQL queries to find the average runs scored and the number of matches played against each opposition, such that the following conditions must be satisfied:

- The average runs scored against the opposition is more than 50 runs.
- And hit more number of 4s against opposition than the total number of 6s hit by Virat against 'New Zealand' in the World Cup 2023.

Options :

6406532329747. ✔

```
SELECT opposition, AVG(runs) AS average_runs, COUNT(*) AS matches_played
FROM cricket_stats
WHERE 4s > (select sum(6s) from cricket_stats
where opposition = 'New Zealand') and
(select avg(runs) from cricket_stats) > 50
GROUP BY opposition
```

6406532329748. ✖

```
SELECT opposition, AVG(runs) AS average_runs, COUNT(*) AS matches_played
FROM cricket_stats
WHERE AVG(runs) > 50 and
4s > (select sum(6s) from cricket_stats where opposition = 'New Zealand')
GROUP BY opposition
```

6406532329749. ✖

```
SELECT opposition, AVG(runs) AS average_runs, COUNT(*) AS matches_played
FROM cricket_stats
WHERE 4s > (select sum(6s) from cricket_stats ) and
AVG(runs) > 50 and opposition = 'New Zealand'
```

6406532329750. ✖

```
SELECT opposition, AVG(runs) AS average_runs, COUNT(*) AS matches_played
FROM cricket_stats
WHERE 4s > (select sum(6s) from cricket_stats group by opposition)
and opposition = 'New Zealand'
GROUP BY opposition
HAVING AVG(runs) > 50
```

Question Number : 9 Question Id : 640653697580 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Multiple Choice Question

Consider a scenario where India won the World Cup final match played on 19 Nov 2023 and Virat scored 154 and faced 100 balls before getting 'Caught' out. Which of the following SQL queries is used to update the runs scored, ball faced (BF), and dismissal to 'Caught' against Australia on 19 Nov 2023?

Options :

6406532329751. ✔

```
Update cricket_stats
set runs = 154, dismissal = 'Caught', BF = 100
where date = '19 Nov 2023'
```

6406532329752. ✖

```
Update cricket_stats
set runs = 154 and  dismissal = 'Caught' and BF = 100
where date = '19 Nov 2023'
```

6406532329753. ✖
```
Update cricket_stats
set runs = 154,  dismissal = 'Caught', BF = 100
where opponent = 'Australia'
```

6406532329754. ✖
```
Update cricket_stats
set runs = 154
set dismissal = 'Not out'
set BF = 100
where opponent = 'Australia'
```

Sub-Section Number : 5

Sub-Section Id : 640653103249

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 10 Question Id : 640653697581 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Construct a binary search tree by inserting the following elements in the given order 30,20, 27, 86, 103, 25, 60, 90, 10, 15. Find out the elements present in the non-leaf nodes (including root node) of the constructed binary search tree.

Choose the correct option.

Options :

6406532329755. ✖ 15, 25, 60,90

6406532329756. ✖ 10,27,103, 20,86

6406532329757. ✔ 10,27,103, 20,86, 30

6406532329758. ✖ 10,27,103

Question Number : 11 Question Id : 640653697583 Question Type : MCQ Is Question

Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Consider the following relation **Students** and the following query:
Students(*Roll*, *Name*, *Age*)

```
Select Name
From Students as S
Where (Select count(*)
       From Students as T
       Where T.Age>S.Age)<3
```

If the Students table contains data of 10 students such that no two students have the same age, then what will be the result of the above query?

Options :

6406532329760. ✖ Names of the 3 youngest students

6406532329761. ✔ Names of the 3 oldest students

6406532329762. ✖ Names of the 4 oldest students

6406532329763. ✖ Names of the 4 youngest students

Question Number : 12 Question Id : 640653697586 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Consider the **Employee** table given below:

EID	name	gender	pay_level
001	Percy	Male	L1
002	Jason	Male	L2
003	Hazel	Female	L1
004	Leo	Male	L3
005	Rayna	Female	L2
006	Annabeth	Female	L1
007	Frank	Male	L3
008	Piper	Female	L3

Table 5: **Employee**

Let us create two different bitmap indices, one on the *gender* attribute and the other on the *pay_level* attribute. Which of the following options will give the correct result if we want to find all males with income level 'L3'?
Note: Options are of the form **gender (operation) pay_level**

Options :

6406532329772. ✔ 11010010 AND 00010011

6406532329773. ✖ 11010010 OR 10100100

6406532329774. ✖ 11010010 AND 01001000

6406532329775. ✖ 00101101 OR 10100100

Question Number : 13 Question Id : 640653697589 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Consider the following monthly backup schedule used by a company:

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
1/ Full	2/ Incremental	3/ Incremental	4/ Incremental	5/ Incremental	6/ Incremental	7/ Differential
8/ Incremental	9/ Incremental	10/ Incremental	11/ Incremental	12/ Incremental	13/ Differential	14/ Incremental
15/ Incremental	16/ Incremental	17/ Incremental	18/ Incremental	19/ Differential	20/ Incremental	21/ Incremental
22/ Incremental	23/ Incremental	24/ Incremental	25/ Differential	26/ Incremental	27/ Incremental	28/ Incremental
29/ Incremental	30/ Incremental					

If a failure occurs on the 16th day of the month after the backup has been completed, how many backup sets have to be loaded for a full recovery?

Options :

6406532329784. ✔ 5

6406532329785. ✖ 4

6406532329786. ✖ 7

6406532329787. ✖ 6

Question Number : 14 Question Id : 640653697593 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2

Question Label : Multiple Choice Question

Consider the relational algebra expression given below:

$$\Pi_{s\_id}(\Pi_{s\_id,name}(\Pi_{s\_id,name,dob}(student)))$$

Choose the equivalent relational algebra expression.

Options :

6406532329794. ✖ $\Pi_{dob}(\Pi_{s\_id}(\Pi_{name}(student)))$

6406532329795. ✖ $\prod_{s\_id,name}(\prod_{name,dob,s\_id}(student))$

6406532329796. ✔ $\prod_{s\_id}(student)$

6406532329797. ✖ $\prod_{dob}(student)$

Sub-Section Number :	6
Sub-Section Id :	640653103250
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 15 Question Id : 640653697582 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Short Answer Question

Consider the tables **Students**, **Departments** and **Courses_Taken** given below:

SID	name	dept_ID
001	Harry	C001
002	Louis	C002
003	Liam	C003
004	Niall	C001.
005	Zayn	C003
006	Luke	C004
007	Ashton	C002
008	Bradley	C005
009	Connor	C006
010	Alex	C005

Table 2: **Students**

dept_ID	dept_name
C001	Comp. Sci.
C002	Maths
C003	History
C004	Geography
C005	Music
C006	Biology

Table 3: **Departments**

SID	course_name
001	DBMS
002	Calculus
003	Modern History
001	Operating Systems
002	Algebra
004	DBMS
005	Modern History
006	Oceanography
007	Algebra
006	Climatology
008	Classical
009	Zoology
010	Post Rock

Table 4: **Courses_Taken**

Consider $dept\_ID$ to be the foreign key in table **Students** that references $dept\_ID$ in table **Departments** with on-delete cascade and SID be the foreign key in table **Courses_Taken** that references SID in table **Students** with on-delete cascade. If tuples (C003, History) and (C005, Music) are deleted from table **Departments** then how many tuples will be deleted in turn from table **Courses_Taken**?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

4

Question Number : 16 Question Id : 640653697592 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Short Answer Question

Consider a **Block nested loop join** for the two relations, **instructor** and **department**. Assuming the worst-case memory availability and **instructor** as the outer relation, the provided details are as follows:

- Total number of block transfers: 30500
- Total number of seeks required: 1000
- Number of block in the outer relation: 500

What is the number of blocks in the inner relations?

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

60

Question Number : 17 Question Id : 640653697594 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3

Question Label : Short Answer Question

Consider the following schedule S with four transactions T1, T2, T3,T4,T5:

$$S: R1(A); W3(A); W3(B); R1(C); W4(C); W4(D), W3(D)$$

Where, Ri(A) denotes a read operation by transaction Ti on a data item A, Wi(A) denotes a write operation by transaction Ti on a data item A.
What is the possible number of conflict serializable schedules of the above schedule S.

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

4

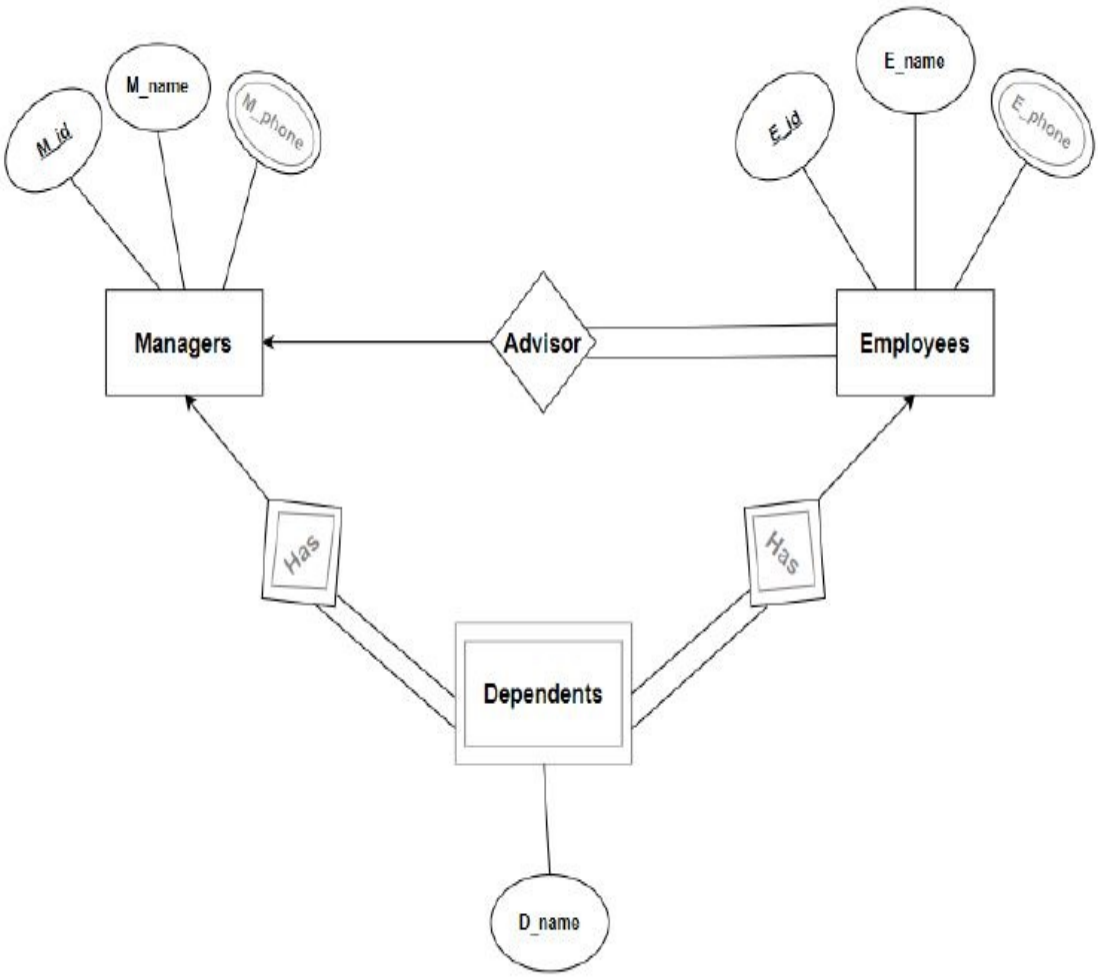
Sub-Section Number :	7
Sub-Section Id :	640653103251
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 18 Question Id : 640653697585 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3 Max. Selectable Options : 0

Question Label : Multiple Select Question

Consider the ER Diagram given below:



Choose the statement(s) that are incorrect.

Options :

6406532329768. ✖ Minimum 5 tables are required to convert the given ER diagram into the relational model

6406532329769. ✔ Every manager has at least one dependent

6406532329770. ✔ Every manager is appointed as an advisor for some employee

6406532329771. ✖ A dependent can be related to at most one manager

Question Number : 19 Question Id : 640653697595 Question Type : MSQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 3 Max. Selectable Options : 0

Question Label : Multiple Select Question

Consider the schedule S is as given below:

S:W3(A), W1(A), W1(C), R2(A), W2(A), W3(B), W1(B)

Which of the following options is/are correct?

Options :

6406532329799. ✔ Schedule **S** is conflict serializable.

6406532329800. ✖ Schedule **S** can be two-phase lockable.

6406532329801. ✖ Schedule **S** is not conflict serializable.

6406532329802. ✔ Schedule **S** can not be two-phase lockable.

Sub-Section Number : 8

Sub-Section Id : 640653103252

Question Shuffling Allowed : Yes

Is Section Default? : null

Question Number : 20 Question Id : 640653697588 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1

Question Label : Multiple Choice Question

Consider the following statements:
S1: In case of bit-interleaved parity, a single parity bit is enough for error correction.
S2: In case of block level striping with N disks, block i of a file goes to disk $(imodN)$.
S3: Block-interleaved parity involves keeping an entire parity block on a separate disk.

Choose the correct option.

Options :

6406532329780. ✔ S1 and S3 are true, S2 is false

6406532329781. ✖ S1 is true, S2 and S3 are false

6406532329782. ✖ S2 is true, S1 and S3 are false

6406532329783. ✖ S1 and S2 are true, S3 is false

Sub-Section Number :	9
Sub-Section Id :	640653103253
Question Shuffling Allowed :	Yes
Is Section Default? :	null

Question Number : 21 Question Id : 640653697591 Question Type : SA Calculator : None

Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 2

Question Label : Short Answer Question

Consider the table **instructor** in the **university** database as shown in Table 7.

id	name	dept_name	salary
10101	Srinivasan	Comp. Sci.	65000
12121	Wu	Finance	90000
15151	Mozart	Music	40000
32343	El Said	History	60000
33456	Gold	Physics	87000
76766	Crick	Biology	72000
98345	Kim	Elec. Eng.	80000

Table 7: **instructor**

Based on the given **instructor** table, what will be the output of the Python code given below?

```
import psycopg2
def connectDb(dbname, username, pwd, address, portnum):
    try:
        connection = psycopg2.connect(database = dbname,
                                      user = username,
                                      password = pwd,
                                      host = address,
                                      port = portnum)
        cursor = connection.cursor()
        query = '''select salary from instructor
        where dept_name like '%c%' order by salary DESC;'''
        cursor.execute(query)
        result = cursor.fetchmany(1)
        for row in result:
            sal=row[0]
            print(sal)

        cursor.close()

    except (Exception, psycopg2.DatabaseError) as error:
        print(error)
    finally:
        connection.close()
connectDb("university", "postgres", "root", "127.0.0.1", "5432")
```

Response Type : Numeric

Evaluation Required For SA : Yes

Show Word Count : Yes

Answers Type : Equal

Text Areas : PlainText

Possible Answers :

90000

PDSA

Section Id :	64065349261
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	26
Number of Questions to be attempted :	26
Section Marks :	100
Display Number Panel :	Yes
Section Negative Marks :	0
Group All Questions :	No
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	640653103254
Question Shuffling Allowed :	No
Is Section Default? :	null

Question Number : 22 Question Id : 640653697596 Question Type : MCQ Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 0

Question Label : Multiple Choice Question

THIS IS QUESTION PAPER FOR THE SUBJECT "DIPLOMA LEVEL : PROGRAMMING, DATA STRUCTURES AND ALGORITHMS USING PYTHON (COMPUTER BASED EXAM)"