

Code: A-I337117-M

I Semester Exam – 2022-23

2 x 180

Std.: XI

Sub: INFORMATION TECHNOLOGY

Marks: 50

Date: 18/11/2022

Roll No.: _____

Time: 2½ Hrs.

Q1 Fill in the blanks.

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1. _____ is one of the most popular GNU/Linux distribution.
2. In DBMS, _____ datatype holds a fixed length string. The fixed size is specified in parenthesis.
3. IRC stands for _____.
4. In a RDBMS table, a _____ is composed of fields and contains all the data about one particular person, company, or item in a database.
5. SQL is an abbreviation of _____.

Q2 State whether True or False

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1. The users don't need to backup data periodically because this is taken care of by the DBMS.
2. Input unit helps user to enter data and commands into a computer system.
3. A computer which is seeking any resource from another computer is a client computer.
4. Cyber security can involve criminal activities like theft, fraud, etc.
5. Two columns can not have the same name in a RDBMS Table.

Q3 Multiple Choice one answer correct

[10]

1. A _____ relationship occurs when multiple records in a table are associated with multiple records in another table.
a. One-to-One b. Many-to-One c. Many-to-Many d. One-to-Many
2. Full form of DCL is _____.
a. Data Control Language b. Data Control Language
c. Data Central Language d. Data Control League
3. _____ Protocol automatically assigns internet addresses to computers and users.
a. DHCP b. POP3 c. FTP d. IRC
4. _____ Linux command is used to clear the command prompt.
a. Echo b. Clear c. Cat d. Nano
5. _____ is Apple's closed source operating system for iPhone, iPod, iPad etc.
a. DOS b. iOS c. Windows Phone d. Chrome
6. The group of one or more columns used to uniquely identify each row of a relation is called its _____ key.
a. Key b. Foreign Key c. Password Key d. Primary Key
7. The word computer is derived from the Latin word _____.
a. computare b. count c. calculate d. computer
8. SQL is an abbreviation of _____.
a. Structured Query Language b. Standard Query Language
c. Structure Query Language d. Structured Queen Language
9. A group of 4 bits is called a _____.
a. nibble b. byte c. bit d. tuple
10. _____ Linux command creates a new file.
a. ls b. pwd c. touch d. cd

P.T.O

Q 4. Multiple Choice two answers correct**[10]**

- _____ and _____ commands fall under the category of DCL.
a. SELECT b. REVOKE c. DELETE d. GRANT
- _____ and _____ are the most widely used types of network architecture.
a. LAN b. Peer-to-Peer c. client/server d. MAN.
- _____ and _____ are examples of open source operating systems for personal computer.
a. Chrome b. OS c. Linux d. DOS
- _____ and _____ are the twoma in ways to interact with the computer.
a. GUI b. Voice c. CLI d. Scanner
- InDBMS, under the class text there are two data types _____ and _____.
a. DATE b. VAR CHAR c. INT d. CHAR

Q 5. Multiple Choice three answers correct**[6]**

- _____, _____ and _____ are data types in DBMS.
a. Char b. varchar c. decimal d. int
e. Date f. Time
- Examples of input devices are _____, _____ and _____.
a. BarcodeReader b. Keyboard c. Mouse d. MICR
e. Touch Screen f. OCR

Q 6. Match the Following**[4]**

Set A	Set B
1. DNS	A. Internet of Things.
2. IoT	B. Data Manipulation Language.
3. HTTP	C. Domain Name System.
4. DML	D. Hypertext Markup Language.

Q 7. Answer Briefly (any 5)**[10]**

- Define Data and Information.
 - Explain any two advantages of DBMS.
 - Explain Application and System software.
 - Explain any two properties of transaction.
 - Explain the terms Field and Record in RDBMS.
 - Explain WAN network.
 - Explain Open source and Closed source software.
 - Write a note on DDL.
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