## INFORMATICS PRACTICES (065)

## ANNUAL EXAMINATION

Session: 2023-24
Class: XI
Time: 3 HOURS
M.M.: 70

## General Instructions:

- Please check this question paper contains 35 questions.
- The paper is divided into 4 Sections- A, B, C, D and E.
- Section $A$, consists of 18 questions ( 1 to 18). Each question carries 1 Mark.
- Section B, consists of 7 questions (19 to 25). Each question carries 2 Marks.
- Section C, consists of 5 questions ( 26 to 30). Each question carries 3 Marks.
- Section D, consists of 2 questions ( 31 to 32). Each question carries 4 Marks.
- Section E, consists of 3 questions ( 33 to 35). Each question carries 5 Marks.
- All programming questions are to be answered using Python Language only.

| SECTION A |  |  |
| :---: | :---: | :---: |
| 1 | $\qquad$ is the process of retrieving deleted, corrupted and lost data from the secondary storage devices. | 1 |
| 2 | Arrange TB, KB, GB, MB in descending order of the memory units. <br> (i) $\mathrm{TB}>\mathrm{MB}>\mathrm{GB}>\mathrm{KB}$ <br> (ii) $\mathrm{MB}>G B>T B>K B$ <br> (iii) $T B>G B>M B>K B$ <br> (iv) $G B>M B>K B>T B$ | 1 |
| 3 | Which smaller unit of the CPU directs and coordinates all activities within it and determines the sequence in which instructions are executed. Also, sends instruction sequence to other smaller units. <br> (i) CU <br> (ii) ALU <br> (iii) Processor <br> (iv) Input Unit | 1 |
| 4 | Identify the type of software in the situation given below: <br> "Ms. Reeta wants to computerize or automate the library, she requires a set of programs on a computer to handle the system of the library and serve the purpose of issuing book, returning a book, adding a new book, etc. " <br> (i) Application Software <br> (ii) System Software <br> (iii) Generic Software <br> (iv) Specific Purpose Software | 1 |
| 5 | Identify the correct data type of x , if $\mathrm{x}=$ False: <br> (i) Dictionary <br> (ii) String <br> (iii) Boolean <br> (iv) List | 1 |
| 6 | Choose the correct option: $\text { 2nd_digit = } 14$ <br> Statement 1: Above statement is correct <br> Statement 2: An identifier cannot have any special characters other than the underscore (_), digits, uppercase, or lowercase characters. And, it should start with an alphabet or an underscore. | 1 |


|  | (i) Only statement 1 is true <br> (ii) Only statement 2 is true <br> (iii) Both statement 1 and 2 are true, but statement 2 is not the correct explanation of statement 1. <br> (iv) Both statement 1 and 2 are true, but statement 2 is the correct explanation of statement 1. |  |
| :---: | :---: | :---: |
| 7 | Which of the following statement will create the list: <br> (i) list1 = list() <br> (ii) list1=[] <br> (iii) list1=list([1,2,3]) <br> (iv) All of the mentioned |  |
| 8 | Which of the following is a correct SQL query syntax to delete all rows in a table along with the table structure? <br> (i) Delete from table_name; <br> (ii) Delete table table_name; <br> (iii) Drop table table_name; <br> (iv) Delete * from table_name; | 1 |
| 9 | The value 'DAV' is assigned to an attribute A of type varchar(20). The value 'School' is assigned to the attribute B of datatypechar(20). So, the attribute A has $\qquad$ spaces and attribute $B$ has $\qquad$ spaces reserved in the memory. <br> (i) 3,20 <br> (ii) 20,3 <br> (iii) 3,6 <br> (iv) 20,6 | 1 |
| 10 | State True or False: <br> The IS NULL operator returns true if a NOT NULL value is found, otherwise, it returns false. | 1 |
| 11 | Identify the category of MySql for the following commands: Insert, Update, Delete <br> (i) DDL <br> (ii) DML <br> (iii) DQL <br> (iv) TCL | 1 |
| 12 | In a table Student, following are the attributes of the table: <br> (Stu_Id, Stu_Name, Stu_Marks) <br> Where, Stu_Id is the primary key of the table. <br> How many rows will be deleted from the table Student, when the following command is executed? <br> Delete from Student where Stu_id=108; <br> (i) 1 row <br> (ii) All the rows where Stu_Id is equal to 109 <br> (iii) No rows <br> (iv) 2 rows | 1 |
| 13 | Which of the following are the synonyms for Column and Row of a table? <br> 1. Row $=$ [Tuple, Record] <br> 2.Column = [Field, Attribute] <br> 3. Row = [Tuple, Attribute] <br> 4. Column $=$ [Field, Record] <br> (i) 1 and 2 <br> (ii) 3 and 4 <br> (iii) Only 1 <br> (iv) Only 2 | 1 |








