

Signature of Supdt.

MRD-XII-16(A)

Computer Science(Part-II)

Roll No.

Fic No. _____

ہال میں سو بائبل فون لانا بائبل منع ہے

Fic No. _____

Total Time : 3:00 Hrs.

Computer Science(Part-II)

Total Marks : 75

NOTE : There are THREE sections in this paper i.e. Section A, B and C.

Time : 20 Mins.

"Section - A"

Marks : 15

Note: Attempt all parts of Section – A. Section –A must be return to the superintendent after 20 minutes even if you have not attempted any question. Overwriting/ defacing/Cutting etc is prohibited in Section-A and no credit will be given to such answer.

I. Write the correct option i.e. A/B/C/D in the empty boxes.

- i. Simultaneous access to same data by multiple transaction is called _____
(A) Data sharing (B) Data integrity (C) Concurrency (D) Data independence
- ii. Rows in RDBMS is called _____
(A) Attributes (B) Tuples (C) Identifier (D) Files.
- iii. A Field is used to locate a _____
(A) Data base (B) Record (C) File (D) Data item
- iv. A diamond symbol enclosed within rectangle indicates _____ ERD.
(A) Relationship (B) An attribute
(C) Associative entity (D) Cardinality value
- v. How many domains can be assigned to an attribute _____
(A) Optional one (B) Optional many (C) Mandatory one (D) Mandatory many
- vi. A well-structured relation is one that is _____
(A) Free of anomalies (B) Free function dependency
(C) Not normalized (D) Tabulized easily
- vii. Repeated groups are eliminated in which of the following _____
(A) 1st NF (B) 2nd NF (C) 3rd NF (D) None of these
- viii. Which of the following data type in Ms-Access used for storing pictures _____
(A) Memo (B) Hyperlink (C) OLE object (D) None of these
- ix. Basic unit for storing & organizing information in data base is _____
(A) Form (B) Query (C) Table (D) Report
- x. SQL statement behind a Query is shown in _____
(A) Data sheet view (B) Design view (C) SQL view (D) Query design grid
- xi. Data in existing records is replaced by _____
(A) AppendQuery (B) ActionQuery (C) UpdateQuery (D) None of these
- xii. C is a _____ programming language.
(A) Object oriented (B) Object based (C) Structured (D) None of these
- xiii. The program written by user is called _____ code.
(A) Object (B) Executable (C) Machine (D) Source
- xiv. Every C program must have _____ functions.
(A) 2 (B) 3 (C) 4 (D) None of these
- v. Binary operator operate/s on _____ operand/s.
(A) Many (B) Two (C) Relational (D) None of these

COMPUTER SCIENCE- II

Note: Time allowed for section B and C is 2 hours and 40 minutes.

SECTION "B"**Marks: 36**

II. Attempt any NINE Parts out of the following. Each Part carries equal marks.

- i. What is Key? Explain different types of Key with examples.
- ii. What is Entity? Explain classification of Entities.
- iii. What is Data Integrity? Explain its importance.
- iv. Explain different data types used in MS-Access.
- v. What is Computer Language? Explain its types.
- vi. Explain structure of C program.
- vii. What is Logical Operator? Explain with examples.
- viii. What is Decision Control Statement? Explain its different types.
- ix. Explain Switch statement with example.
- x. Write C program that calculate & print the factorial of a given number.
- xi. How values are passed to function? Explain with examples.
- xii. What is Function Prototype? What is the use of return statement?

SECTION "C"**Marks: 24**

Note: Attempt any THREE questions of the following. Each question carries equal Marks.

- III. What is Data base? Explain Data base approach.
- IV. What is File organization? Explain its types.
- V. What is Loop? Explain do-while loop with example.
- VI. What is Normalization? Explain.