MRD-E/XI (A)

Computer Science
Part-II

Fic. No. _____

Fic. No. _____

Computer Science
Part-II

SECTION "A"

Time: 20 Min   Marks: 15

Note: Use this sheet only for this section. No marks will be awarded for cutting, erasing or overwriting.

Q.1 Chose the correct option from given Choice (A,B,C,D) and write it in the given relevant box.

(i).   The contents of data dictionary is called _____.
(A).Physical Data   (B).Meta Data   (C).Logical Data   (D). Grouped Data

(ii)   Rows in RDBMS are called_____.
(A).Field   (B).Column   (C).Tuples   (D).None

(iii).   In _____ the body is executed before the condition is checked.
(A).Do-While Loop   (B).While Loop   (C).For Loop   (D).None

(iv).   The header file for getchar ( ) is_____.
(A).scanf( )   (B).< conio.h >   (C).<math.h>   (d).<iostream.h>

(v).   The words which are pre-define in language are called _____.
(A).Variable   (B).Constant   (C).Reserved   (D).None

(vi).   Pow ( ) is a function_____.
(A).Trigonometric   (B).Arithmatic   (C).String   (D).User-Define

(vii).   _____ function is used to input a single character from the keyboard.
(A).getch ( )   (B).gets ( )   (C). Putch ( )   (D).None

(viii). A single accurace of a particular entity is called _____ .
(A).Weak entity   (B).Entity   (C).Entity instance   (d). Entity type

(ix).   Associative entities play their key role in making _____ relation ship.
(A).Unary   (B).One-Many   (C).Ternary   (D).Binary

(x).   Group data is called _____.
(A).Data aggregate   (B).Composit attribute   (c). Physical data   (D).None

(xi).   2nd NF is obtained by removing _____ from 1st NF.
(A)Repeating groups. (B)Anomlies. (C)Partial dependency (D)Transitive dependency

(xii).   If x = 3 , y = 2 the x ++   + y++ is _____.
(A).0   (B).7   (C).8   (D).None

(xiii). The _____ function read data from kekyboard.
(A).Gets( )   (B).Getch ( )   (C).Scanf ( )   (D).All Of The Above

(xiv).   The formate specifier for long Double" data types is _____.
(A) % d   (B) % ud   (C) % ld   (D) % f

(xv).   The program written other than machine language is called_____.
(A).Target   (B).Source   (C).Binary   (D).None

Computer Science
Part-II

Time: Allowed: 2.40h   Marks: 60

SECTION "B"   Marks:36

Q2. Answer any Nine (9) Questions of the following. Each Question carries equal marks.

  (i)   What is Strong entity type and weak entity type?

  (ii)   What is for loop?

  (iii) What is integrity? Write down its types.

  (iv) What is program data dependency?

  (v)   What is transitive dependency?

  (vi) What is escape sequence?

  (vii) What is else- if statement?

  (viii) Differentiate b/w user define and built-in function.

  (ix) What is local and global variable?

  (x)   Differentiate b/w store and derived attribute.

  (xi) What are format specifiers?

  (xii) What is DBMS?

SECTION "C"   Marks: 24

Note: Attempt any THREE questions. All questions carry equal marks.

Q3. What is Pre-test loop? Explain FOR and WHILE loop with example.

Q4. What is integrity of database? Discuss its three types.

Q5. What is switch statement? Explain with simple example.

Q6. What is RDBMS? Discuss the three database models.