Note: You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill that circle in front of that question number. Use marker or pen to fill in the circles. Cutting or filling of two or more circles will result zero mark in that question. Attempt as many questions as given in objective type question paper and leave others blank.

MS-ACCESS AND C-LANGUAGE

1.
1. Format specifier used for string
   (A) % f (B) % s (C) % c (D) % d

2. The extension of C Program file is
   (A) .txt (B) .obj (C) .h (D) .c

3. It is simple to create database using.
   (A) query (B) common standards (C) easier programming (D) wizard

4. Which of the following is used to describe the characteristics of an object?
   (A) attribute (B) relationship (C) cardinality (D) modality

5. SQL is a(n)
   (A) unstructure language (B) structure language
   (C) object oriented language (D) software

6. Which of the following function is used to write a string to a file?
   (A) puts ( ) (B) putc ( ) (C) f puts ( ) (D) f gets ( )

7. What is the value of x after executing the code: for (x=1; x<=10; x++)
   (A) 9 (B) 10 (C) 11 (D) 12

8. Another term for a conditional operator is
   (A) ternary (B) binary (C) uniary (D) byte

9. The column of a table correspond to
   (A) table (B) record (C) attribute (D) cell

10. In 3NF, a non-key attribute must not depend on a(n)
    (A) non-key attribute (B) key attribute (C) composite key (D) sort key

11. To find a four character name that starts with H, the criteria is
    (A) H*4 (B) H???? (C) H?4 (D) H####

12. The parameters in function declaration.
    (A) actual parameters (B) formal parameters (C) returned parameters (D) call parameters

13. Which loop structure always executes at least once?
    (A) do-while (B) for (C) while (D) for-next

14. An expression that uses a relational operator is known as
    (A) operational (B) sequential (C) relational (D) serial

15. Which of the following operator has the lowest precedence?
    (A) ! (B) + (C) = (D) = =

(TURN OVER)

OR

MS-ACCESS AND VISUAL BASIC

Code: 8838

1. The naming prefix for a label control is
    (A) lab (B) lbl (C) lbe (D) labl

2. The output of the compiler is called
    (A) program (B) source code (C) linked code (D) object code

3. It is simple to create database using.
    (A) query (B) common standards (C) easier programming (D) wizard

4. Which of the following is used to describe the characteristics of an object?
    (A) attribute (B) relationship (C) cardinality (D) modality

5. SQL is a(n)
    (A) unstructure language (B) structure language
    (C) object oriented language (D) software

6. Which keyword is used to trigger the execution of another procedure?
    (A) go (B) start (C) call (D) run

7. What will be the value of n after executing the following code

    For n = 1 to 10 step 2

    print n

    Next

    (A) 9 (B) 10 (C) 11 (D) 12

8. Which method is used to delete an item from the list box?
    (A) remove item (B) add item (C) clear item (D) erase item

9. The column of a table correspond to
    (A) table (B) record (C) attribute (D) cell

10. In 3NF, a non-key attribute must not depend on a(n)
    (A) non-key attribute (B) key attribute (C) composite key (D) sort key

11. To find a four character name that starts with H, the criteria is
    (A) H*4 (B) H???? (C) H?4 (D) H####

12. Every element of array has its own
    (A) upper bound (B) index (C) name (D) syntax

13. Which is post test loop?
    (A) do-while (B) while (C) for-next (D) for

14. The default message box style is
    (A) Yes No (B) Yes No Cancel (C) OK Only (D) Retry Cancel

15. Visual Basic is a product of
    (A) IBM (B) Sun System (C) Microsoft (D) Google

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(SECTION – I)

2. Write short answers to any SIX questions: 12

MS-ACCESS

i.   Why is it important to specify data type and size of a field?

ii. Differentiate between master file and transaction file.

iii. Write any two purposes of using views.

iv. What is the purpose of logical database design?

v.   How is referential integrity achieved?

vi. Differentiate between partial dependency and transitive dependency.

vii. What do you know about RDBMS?

viii. What is the cardinality of a relation?

ix. Differentiate between combo box and list box.

3. Write short answers to any SIX questions: 12

C-Language

i.   Define a program.

ii. What are delimiters?

iii. Define variable initialization.

iv. Declare two integer variables x and y in one declaration statement.

v.   Determine the output of the following code:

   int x , y = 6;

   x = y ++;

   printf (" %d " , x);

vi. Find errors in following code:

   int a

   printf (" %d " a);

vii. Define scanf ( ) function.

viii. Write a single printf statement to display the following text:

   C:\My documents

ix. What will be the output of the following code:

   printf (" Book\n Reading\t is good habit ");

OR
VISUAL BASIC

3. Write short answers to any SIX questions: 12

i.   Define text box.

ii. Define object.

iii. What is the purpose of "name" property of a control?

iv. What is load event?

v.   Define class.

vi. What happened when you hide a form?

vii. Define variable initialization.

viii. What is an expression?

ix. Convert the following expression in VB.

   $x^2 + 3x - 4$

(Turn Over)

Guj - 12 - 19

4. Write short answers to any SIX questions: 12

C-Language

i. What is the purpose of default label in switch statement?

ii. Convert the following conditional expression into if-else statement.

x < 0 ? y = 10 : z = 20 ;

iii. Determine the output of the following code:

int p = 3 , q = 5;

if (p > q)

printf (" %d " , p);

else

printf (" %d " , q);

iv. Write the purpose of continue statement.

v. Write the syntax of for loop.

vi. Convert the following code in do while loop.

int i = 1;

while (i < + 15)

{

printf (" a ");

i + + ;

}

vii. What is function call?

viii. Define global variable.

ix. What is binary stream?

OR
VISUAL BASIC

4. Write short answers to any SIX questions: 12

i. What is the purpose of text property of a button?

ii. How to select a check box in code?

iii. Define combo box.

iv. Write the limitation of IF...THEN structure.

v. What is selection structure?

vi. Define relational operators.

vii. Draw the flow chart of While...End...While loop.

viii. Write the syntax of Do...While loop.

ix. Define Do...Until...Loop.

(SECTION - II)
MS-ACCESS

Note: Attempt any ONE question.

5. Briefly explain the database design process with the help of diagram. 8
6. What is a form? Explain its uses and advantages. 8

(SECTION – III)

Note: Attempt any TWO questions (either from "C-Language" or from "Visual Basic"):

C – LANGUAGE

7. Discuss printf function in detail. 8
8. What is nested " if " statement? Explain its working with example. 8
9. Write a program that displays counting from 10 to 1 using For loop. 8

OR
VISUAL BASIC

7. What is variable? Write down the rules to give name to the variable. 8
8. Define array. Explain its different types in Visual Basic (VB). 8
9. Write a program that displays counting from 10 to 1 using For-Next loop. 8

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