

DGK-12-22

OBJECTIVE

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 the circles. Cutting or filling two or more circles will result in zero mark in that question.

QUESTION NO. 1

MS - ACCESS	
1	The process of arranging data in a logical sequence. (A) Sorting (B) Summarizing (C) Data computing (D) Classifying
2	Database development process involve mapping of conceptual data model into. (A) Hierarchical data model (B) Implementation model (C) Network data model (D) Object Oriented data model
3	What criteria would you use to find a four characters name that starts with H ? (A) H * 4 (B) H ? 4 (C) H ? ? ? (D) H # # #
4	A form that contains a sub-form is called. (A) Form (B) Main form (C) Query (D) Report
5	Which of the following key possess the uniqueness property ? (A) Foreign key (B) Secondary key (C) Sort key (D) Candidate key
6	Which form of dependency is removed in 3NF ? (A) Function (B) Non function (C) Associative (D) Transitive
C - LANGUAGE	
7	Which loop structure always executes at once? (A) do - while loop (B) while loop (C) do - end loop (D) For loop
8	What does a compound condition use to join two conditions ? (A) Relational operator (B) Relational result (C) Logical result (D) Logical operators
9	Which loop is also called ? (A) Wend loop (B) Counter loop (C) Conditional loop (D) Continuous loop
10	The output of the compiler is called. (A) Object Code (B) Source Code (C) Linked Code (D) Library Code
11	A memory location with same data that can be changed is called as. (A) Constant (B) Named constant (C) Address (D) Variable
12	Which of the following format specifier is used for character data type ? (A) % d (B) % s (C) % c (D) % o
13	Which keyword is not used in switch statement ? (A) IF (B) Switch (C) Case (D) Default
14	The case block ends with. (A) End case (B) End select (C) Break (D) Case end
15	The loop which never ends is called. (A) Infinite loop (B) Running loop (C) Continuous loop (D) Nested loop
OR	
VISUAL BASIC	
7	In Visual Basic, the example of post test loop is. (A) Do - While loop (B) While - loop (C) Do - end loop (D) For - loop
8	Which control combines the features of a textbox and list box ? (A) Scrollbar (B) Check box (C) Radio Button (D) Combo box
9	A loop which never ends is called. (A) Inner loop (B) Nested loop (C) Infinite loop (D) Continuous loop
10	The name of program that translates VB code to object code. (A) Interpreter (B) Assembler (C) Debugger (D) Error
11	A memory location with same data that can be changed is called as (A) Constant (B) Named Constant (C) Address (D) Variable
12	Which of the following is not Visual Basic Control ? (A) Command Button (B) Forms (C) Variable (D) Text editor
13	The naming prefix for a label control is. (A) lbl (B) lah (C) l (D) The
14	The select case end with. (A) End case (B) Case End (C) End select (D) Case only
15	The keyword that marks the end of Do - loop structure is. (A) End - Do (B) Exit - Do (C) End While (D) Loop

D

MS - ACCESS**QUESTION NO. 2 Write short answers any Six (6) of the following****6x2=12**

- | | |
|---|---|
| (i) What is the purpose of database integrity ? | (ii) List any two properties of relation |
| (iii) Define composite key | (iv) When is a relation in second normal form ? |
| (v) Define synonym | (vi) What is database wizard ? |
| (vii) What is the use of select query ? | (viii) Define filter . |
| (ix) What is a from ? | |

QUESTION NO. 3 Write short answers any Six (6) of the following**6x2=12****C - LANGUAGE**

- (i) Write use of define directive.
- (ii) Why logical error are most difficult to find ?
- (iii) What is assembly language ?
- (iv) Define preprocessor directive.
- (v) Why C is known as strongly typed language ?
- (vi) Write C statement to declare and initialize Character variable ch.
- (vii) Trace error from the following
- ```
include < stdio.h >
void main () ; {
 int x = 5 ;
 printf (% c , x) ; }
```
- (viii) Trace output
- ```
printf ( " Pakistan \ t is \ n my \ t homeland " ) ;
```
- (ix) Define array in C language .

OR**VISUAL BASIC**

- (i) Write four advantages of Visual Programming.
- (ii) What is tool box ?
- (iii) Write application development process in VB .
- (iv) What is the use of text box ?
- (v) Differentiate between property and method .
- (vi) Write use of const keyword .
- (vii) What is option explicit ?
- (viii) Write syntax of declaring variable in VB .
- (ix) Differentiate between implicit and explicit declaration .

QUESTION NO. 4 Write short answers any Six (6) of the following**6x2=12****C - LANGUAGE**

- (i) Discuss the role of ' \ t ' .
- (ii) Write the output of the following code
- ```
float p = 3.1234 ;
printf (" % 15.2 f " , p) ;
```
- (iii) Define " getch " function.
- (iv) Convert the following sentence into C expression.
- " Age is greater than equal to 20 "
- (v) Define conditional operator .
- (vi) Write the output of the following code
- ```
if ( 100 > 50 )
    printf ( " ONE " ) ;
else
    printf ( " TWO " ) ;
```
- (vii) What is while loop ?
- (viii) Convert following code into while loop .
- ```
for (i = 10 ; i <= 15 ; i ++)
 printf (" Hello ") ;
```
- (ix) Define Nested loop.

**OR****VISUAL BASIC**

- (i) Define keyword .
- (ii) Describe the function of option Explicit .
- (iii) What is string Data type ?
- (iv) Define Literal constant .
- (v) What is Message Box ?
- (vi) Define option Button .
- (vii) Enlist important methods of List Box .
- (viii) Describe Combo Box control .
- (ix) What is Timer control ?

**SECTION - II ( MS - ACCESS )****Note : Attempt any one question.****1x8=8**

Q.5 . Define database model. Describe different types of database models .

Q.6 . Explain different components of logical model .

**SECTION - III****Note : Attempt any two question****2x8=16****C - LANGUAGE**

- Q. 7. What is control structure ? Briefly describe the basic control structures for writing programs .
- Q. 8 Write a program to display the following series using loop . 1 4 9 16 25
- Q. 9 Describe the process of writing of function with example .

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