150
Objective
Paper Code
8831

FBD-12-23
Intermediate Part Second - 136
Computer Science (Objective)
Time: 20 Minutes   Marks: 15

Roll No. : _____

Q.No.1 You have four choices for each objective type question as A, B, C and D. The choice which you think is correct, fill the relevant circle in front of that question number on computerized answer sheet. Use marker or pen to fill the circles. Cutting or filling two or more circles will result in zero marks in that question. Attempt as many questions as given in objective type question paper and leave other circles blank.acf

(MS-Access)

S.#	Questions	A	B	C	D
1	Microsoft Access saves the database with the extension:	.mdb	.msdb	.madb	.mxls
2	The shortcut key for finding data in a table is:	Ctrl + A	Ctrl + F	Ctrl + N	Ctrl + O
3	Data that causes inconsistency lacks:	Good data	Data anomaly	Data redundancy	Data integrity
4	The column of a table corresponds to:	Table	Field	Record	Cell
5	In an E-R diagram, oval represents:	Entity	Attribute	Relationship	Decision
6	In 3NF, a non-key attribute must not depend on a:	Non-key attribute	Key attribute	Composite key	Primary key

(C – Language OR Visual Basic)

(C – Language)

7	Graphical representation of a program is called:	Logical chart	Binary chart	Flow chart	E-R chart
8	Semicolon is placed at the end of condition in:	do-while loop	for-next loop	Hybrid loop	While loop
9	The control structure which is used to repeat statements:	Selection	Sequential	Loop	Logical
10	The statement that activates a function is:	Function design	Function definition	Function declaration	Function call
11	The programmer usually enters source code into a computer using:	Compiler	Text editor	Debugger	Linker
12	Variable cannot begin with a / an:	Number	Lower case letter	Upper case letter	Underscore
13	The format specifier used for floating point value is:	%d	%a	%f	%s
14	Which operator is used for comparison?	Arithmetic	Relational	Postfix	Prefix
15	The number of bytes used for long int data type in C is:	2	4	12	16

OR (Visual Basic)

7	Graphical representation of a program is called:	Logical chart	Binary chart	Flow chart	E-R chart
8	The pretest loop in VB is:	do-while loop	do-loop	while-wend	do-loop
9	The control structure, which is used to repeat statements:	Selection	Sequential	Loop	Logical
10	The statement that activates a function is:	Function design	Function definition	Function declaration	Function call
11	The programmer usually enters source code into a computer using:	Compiler	Text editor	Debugger	Linker
12	Variable cannot begin with a / an:	Number	Lower case letter	Upper case letter	Underscore
13	Which of the control of VB is used to mark only single option at a time?	Checkbox	Listbox	Optionbox	Combobox
14	Which operator is used for comparison?	Arithmetic	Relational	Postfix	Division
15	The number of bytes used for long integer data type in VB is:	2	4 or 8	12	16

SECTION – I

2. **Write short answers to any SIX parts.**   12

(MS – Access)

(i)   What do you know about data dictionary?
(ii) What is index?
(iii) How is entity integrity achieved?
(iv) What is database anomaly?
(v)   What is meant by RDBMS?
(vi) Define entity.
(vii) State the use of wild cards.
(viii) How is criteria specified in query?
(ix) What is sub-form?

3. **Write short answers to any SIX parts.**   12

(C – Language)

(i)   Distinguish between source code and object code. (ii) What is meant by machine independence?
(iii) What is the use of "define" preprocessor? (iv) List two causes of syntax error.
(v)   What is variable? Why it is used in programs? (vi) Declare a float variable with name avg.
(vii) Find errors in the following code segment: (viii) Predict output of the following code segment:

```
int m , n ;
m = 10.3 ;
n = 5 ;
printF ( "%d" , m )
```

```
int x = 5 ;
printf ( "%d \t %d" , 2 * x , 3 + x );
```

(ix) What is text stream?

OR   (Visual Basic)

(i)   What is the difference between events and methods? (ii) How are the properties set at design time and run time?
(iii) Write two rules for naming controls in VB. (iv) Why Visual Basic is called even-driven language?
(v)   What are three steps for creating VB projects? (vi) Write the purpose of textbox control?
(vii) What is the purpose of command button? (viii) List types of property values?
(ix) What is meant by show form method?

4. **Write short answers to any SIX parts.**   12

(C – Language)

(i)   Define standard input. (ii) List three types of format specifiers.
(iii) Convert the following code into do-while loop: (iv) Predict the output:

```
int i = 0 ;
while ( i == 1 )
{
printf ( "loop statement" );
i += 2 ;
}
```

```
int a = 5 ;
if ( a % 2 == 0 )
    printf ( "Pakistan" );
else
    printf ( "Zindabad" );
```

(v)   What is conditional operator? (vi) Convert the following code to an equivalent if-else statement: (x > y) ? x * y : x + y ;

(vii) Draw the flowchart of do-while loop. (viii) What is sentinel value?

(ix) Trace the output of the following code:

```
printf ( "Book \ t reading \ n" );
printf ( "is a \ t very good" );
printf ( "Habbit" );
```

FBD-12-23

OR (Visual Basic)

(i) Define standard input

(ii) What is default property of command button?

(iii) Trace output:
```
if 10 mod 5 = = 1 then
    print "OK"
End if
```

(iv) How many times the following loop execute?
```
i = 10
do while i > 1
i = i + 1
loop
```

(v) Describe logical operators.

(vi) Draw the flowchart of: if – then – else structure

(vii) Write the syntax of while-wend loop.

(viii) What is goto statement?

(ix) Define nested loop.

SECTION – II   Each question carries 08 marks.

(MS-Access) Attempt any ONE question from the following:

5. Define data processing. What activities are involved in data processing? Discuss in detail.

6. Discuss different data distribution strategies in detail.

Attempt any TWO questions either from C-Language OR Visual Basic

(C – Language)

7. What is switch statement? Explain its working with the help of example.

8. Write a program that gets starting and ending point from the user and displays all odd numbers in the given range using loop.

9. What is a global variable? Explain its scope and life time with example.

(Visual Basic)

7. What is select --- case structure? Explain its working with the help of an example.

8. Write a program that gets starting and ending point from the user and displays all odd numbers in the given range using loop.

9. What is a global variable? Explain its scope and life time with example.

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