



Roll No. \_\_\_\_\_ To be filled in by the candidate

Paper Code	4	8	3	5
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Session;2015-2017&amp;2016-2018

# Computer Science (Objective Type) *Rwp-12-18*

Time: 20 Minutes

Marks: 15

**NOTE:** Write answers to the questions on objective answer sheet provided. Four possible answers A,B,C & D to each question are given. Which answer you consider correct, fill the corresponding circle A,B,C or D given in front of each question with Marker or pen ink on the answer sheet provided.

**MS-ACCESS**

- The graphical query tool is known as:
  - Query grid
  - Design grid
  - Query form
  - Design form
- A form within another form is called:
  - Sub form
  - Main form
  - Multiform
  - Header
- The extension of image file is:
  - .exl
  - .doc
  - .bmp
  - .ppt
- A primary key that consists of more than one attributes is called:
  - Foreign key
  - Composite key
  - Multi valued key
  - Global key
- Merging the relation is also known as:
  - view integration
  - view entities
  - view tables
  - view relations
- A report may be based on:
  - Table
  - Field
  - Byte
  - bits

**C-Language**

- While Loop is also called:
  - Conditional loop
  - Wend loop
  - Counter loop
  - Nested loop
- Which is a loop stunt?
  - if
  - if else
  - switch
  - for
- A built-in function:
  - cannot be redefined
  - can be redefined
  - cannot return value
  - should be redefined
- The following function is used to read character from a file:
  - putc( )
  - getc( )
  - fputs( )
  - fgets( )
- The ".exe" file in c-language is produced by:
  - Linker
  - Loader
  - Compiler
  - Interpreter
- Variable cannot contain a(n):
  - Number
  - Underscore
  - Letter
  - Period
- Which of the following is not valid Escape code?
  - \t
  - \v
  - \y
  - \f
- Another term for a conditional operator,
  - Ternary
  - Binary
  - Byte
  - iteration
- Conditional operator takes:
  - one operand
  - Two operands
  - three operands
  - four operands

**OR****Visual Basic**

- Logical operator:
  - And
  - =
  - >=
  - <>
- How do you find loop statement in following options?
  - if else
  - if
  - switch
  - for
- The keyword use to terminate a Do structure:
  - Loop
  - End do
  - Exit do
  - End while
- In counter controlled loop it is important to declare \_\_\_\_\_ and counter variable:
  - Identify
  - Initialize
  - Size
  - Specify
- The ".exe" file in visual basic is produced by:
  - Linker
  - Loader
  - Compiler
  - Interpreter
- In Visual Basic variable cannot contain:
  - Number
  - Underscore
  - Letter
  - period
- Which form property will put text into title bar of the form:
  - Title
  - Border text
  - Text
  - Header
- Another term for a condition operator:
  - Ternary
  - Binary
  - Byte
  - Iteration
- Modt is:
  - 20
  - 1
  - 0
  - 2

Roll No. \_\_\_\_\_ To be filled in by the candidate

Sessions; 2015-2017 &amp; 2016-2018

**Computer Science** (Essay Type)

Rwp-12-18

Time: 2:10 Hours

Marks: 60

**Section -I**  
**MS-ACCESS****2. Write short answers of any six parts from the following.**

2 x 6 = 12

- |   |                                    |
|---|------------------------------------|
| i. Define data manipulation.                                      | ii. Describe network model.        |
| iii. Write any two uses of form.                                  | iv. Define the term cardinality.   |
| v. Describe the term synonym.                                     | vi. Briefly explain normalization. |
| vii. State the use of reports.                                    | viii. Define filter.               |
| ix. Differentiate between fixed length and variable length field. |                                    |

**C-Language****3. Write short answers of any six parts from the following.**

2 x 6 = 12

- |  |                                  |
|--|----------------------------------|
| i. Differentiate between compiler and Interpreter. | ii. Define object code.          |
| iii. State the purpose of header file.             | iv. What is assignment operator? |
| v. Enlist logical operators.                       | vi. Define escape sequence.      |
| vii. Find the error                                | viii. Find the error             |

Void main ( )

```
{
    int c=7
    printf("%d",C);
}
```

void main ( )

```
{
    int a=10
    printf("%d",a);
}
```

ix. Write the output

```
float f=3.14159;
printf ("%8.4f",f);
```

**4. Write short answers of any six parts from the following.**

2 x 6 = 12

- |   |  |
|---|--|
| i. Find out two errors from following code.               | ii. Find output from following code                              |
| if (x==y)<br>printf("hello")                              | int price=10;<br>if (price==10)<br>{ printf("%d",price);<br>}    |
| iii. Describe selection structure.                        | iv. Define sentinal values.                                      |
| v. Find out output from following code.                   | vi. Convert while loop into Do while loop                        |
| int i,j=0;<br>for(i=1;i<=5;++i)<br>{ printf("%d%d",i,j);} | int i=1;<br>while (i<=15)<br>{ printf("n",i)<br>i=i+1;}          |
| vii. What is function?                                    | viii. Differentiate between function defination and declaration. |
| ix. Define a stream.                                      |  |

3) Write short answers of any six parts from the following.

2 x 6 = 12

- i. Write any two properties of algorithm.
- ii. Why is assembly language called symbolic language?
- iii. How properties are set at design time and run time?
- iv. When is the visual basic in design time?
- v. Define project explorer window.
- vi. Show the output.  

```
Dim A,B as integer
A=10
B=A*A/A
print B
```
- vii. Find the errors  

```
Option explicit
Dim D,E integer
D=5
E=13
F=(D*E)+7
Print F
```
- viii. Show output:  

```
Dim R,S,T as integer
R=9
S=4
T=R*S+15
Print T
```
- ix. Differentiate between structured and object oriented programming.

4. Write short answers of any six parts from the following.

2 x 6 = 12

- i. Define Expression.
- ii. Define named constant.
- iii. What is specified variable declaration?
- iv. How is character stored in VB?
- v. What data type is used in storing data?
- vi. List out keyword with examples.
- vii. What is meant by data type?
- viii. Show output of following  

```
Dim A,B, as integer
A=20
B=A*A
Print B
```
- ix. How to write following expression in VB.

$$X = \frac{3Y}{5-Z}$$

**Section -II  
MS-ACCESS**

Note: Attempt only one question from the following.

8x1=8

- 5. Define key and discuss its different types. 08
- 6. What is data type? Explain six different data types available in MS-Access. 08

**Section -III**

Note: Attempt any two questions either from "C-language" or "Visual Basic".

8x2=16

**C-language**

- 7. What is bug and debugging? Explain types of errors in C-program. 08
- 8. Write a program in C-language, which inputs two numbers from the user and determines whether the numbers are equal or not. 08
- 9. What is While loop? Write its syntax, also draw flowchart. Explain its working with the help of an example. 08

**Visual Basic**

- 7. What are controls? Explain three basic controls in Visual Basic. 08
- 8. Write a program in Visual Basic, which inputs two numbers from the user and determines whether the numbers are equal or not. 08
- 9. What is While-Wend loop? Write its syntax, also draw flowchart. Explain its working with the help of an example. 08