

INTERMEDIATE PART-II (12th CLASS)**COMPUTER SCIENCE PAPER-II (NEW SCHEME) (SESSION 2015-2017)**

TIME ALLOWED: 2.10 Hours

SUBJECTIVE

MAXIMUM MARKS: 60

NOTE: - Write same question number and its part number on answer book, as given in the question paper.

SECTION-I**(Either from "MS-Access & C-Language" or from "MS-Access & Visual Basic").**

2. Attempt any six parts.

MS-ACCESS

6 x 2 = 12

- (i) Differentiate between Data and Information.
 (ii) Write any four objectives of Database Management System.
 (iii) List different types of Relationships. (iv) How is Database integrity maintained?
 (v) Define Synonym. (vi) What is a Repeating Group? (vii) How is a Query written?
 (viii) Define the term Degree of Relation. (ix) Why is a list box used in Forms?

3. Attempt any six parts.

C-LANGUAGE

6 x 2 = 12

- (i) How program logic is implemented in structured programming language?
 (ii) What is the use of Turbo C++? (iii) Stat the function of "include" preprocessor.
 (iv) Differentiate between Constant and Variable. (v) Define Compound Assignment Statement.
 (vi) Find out errors from the following:-

```
@ include < stdio.h >
@ include < conio.h >
void main ( )
{
  print ("Programming Language");
}
```

- (vii) Which function is used to clear the screen in C ?
 (viii) Find errors:-

```
# include < stdio.h >
void main ( );
{
  int x, y;
  x = 20;
  y = 40;
  z = x + y;
  printf("%d, z);
  getch ( );
}
```

- (ix) Show output:-

```
int x, y, z;
printf("Enter three numbers:");
scanf("%d %d %d", sx, sy, sz);
y = x + z;
x = z + 1;
printf ("%d %d %d, x, y, z);
```

4. Attempt any six parts.

6 x 2 = 12

- (i) Define Control Structure.

- (ii) Trace the output

```
if ( 1 == 2 )
  printf ("Hello");
else
  printf("world");
```

- (iii) Find the error-

```
void main ( )
{
  int marks = 50;
  If (marks >= 40 )
  print f ("congratulations")
  getch ( );
}
```

- (iv) Define Loop.

- (v) Trace the output:-

```
for(int n = 1; n <= 5; n++)
  printf("%d \n", n);
```

- (vi) Convert the following code into while loop:-

```
for(int n = 1; n <= 5; n++)
```

- (vii) What is Function Definition? (viii) Write two benefits of Function. (ix) Define Stream.

(P.T.O.)

OR VISUAL BASIC**3. Attempt any six parts.****6 x 2 = 12**

- (i) Why programmers prefer to write programs in high level languages?
 (ii) Write any two guidelines for drawing flow chart.
 (iii) How source program and object program are related to each other?
 (iv) State the purpose of name property of a control.
 (v) When Visual Basic is in run time and break time?
 (vi) Show output:-

```
Dim x, y, z as integer
x = 5
y = 7
z = 5 ( x + y )
print z
```

- (vii) Differentiate between key up and key down events.
 (viii) Show output:

```
Dim n1, n2, n3 as integer
Dim sum, mul as integer
n1 = 11
n2 = 5
n3 = 7
sum = n1 + n2 + n3
mul = n1 * n2 * n3
print sum/mul
```

- (ix) Find errors:-

```
Dim S1; s2 as integer
s1 = 10
s2 = s1 MOD2;
print S2
```

4. Attempt any six parts.**6 x 2 = 12**

- (i) Define Control Structure.
 (ii) Trace the output:-

```
if (1 = 2) then
  print ("Hello")
else
  printf ("world");
```

- (iii) Find the error void main ():-

```
{
  Int marks = 50;
  If (marks > = 40 )
  Printf ("Congratulations")
  getch ( ),
}
```

- (iv) Define Loop.

- (v) Trace the output:-

```
for (int n = 1; n <= 5; n++)
  printf ("%d\n",n);
```

- (vi) Convert the following code into while loop. for (int n = 1; n <= 5; n++)

- (vii) What is Function definition? (viii) Write two benefits of function. (ix) Define Stream.

SECTION-II**MS-ACCESS****NOTE: - Attempt any one question.**

5. Discuss Data Distribution Strategies.

4 x 2 = 8

6. Explain different data types available in MS-ACCESS.

8**C-LANGUAGE****NOTE: - Attempt any two questions.**

7. Describe the basic structure of C-Program in detail.

8

8. Write a program in C - Language that inputs a number and check whether it is even or odd.

8

9. Define Do-While loop. Write its syntax and draw flow chart. Also explain its working with suitable example.

8**OR****VISUAL BASIC****NOTE: - Attempt any two questions.**

7. Describe the basic structure of program in Visual Basic.

8

8. Write a program in Visual Basic that inputs a number and check whether it is even or odd.

8

9. Define Do-While loop in VISUAL BASIC. Write its syntax and draw flow chart.

Also explain its working with suitable example.

8

COMPUTER SCIENCE PAPER-II (NEW SCHEME) (SESSION 2015-2017)

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

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. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")

MS-ACCESS

- (1) Reproduction refers to:- (A) Making data readable
(B) Making data clear (C) Making data presentable (D) Making data duplicate
- (2) A collection of related records is:-
(A) Field (B) File (C) Database (D) Word
- (3) Correctness and consistency means:-
(A) Constraints (B) Database constraints (C) Integrity constraints (D) Data constraints
- (4) The bottom most bar in MS-Access is called:-
(A) Toolbar (B) Title bar (C) Menu bar (D) Status bar
- (5) _____ type of queries used to make changes in database.
(A) Parametric queries (B) Action queries (C) Select queries (D) Cross tab queries
- (6) Presentation of processed data obtained from a database is called:-
(A) Table (B) Query (C) Form (D) Report

C-LANGUAGE

- (7) To run a C - Language program press:-
(A) F 9 (B) Alt + F 9 (C) Ctrl + F 9 (D) Ctrl + F 5
- (8) The value $15\%2$ is:-
(A) 1 (B) 2 (C) 7 (D) 7.5
- (9) The escape sequence to insert horizontal tab is:-
(A) \r (B) \f (C) \n (D) \t
- (10) The value that cannot be used in expression of switch statement has data type:-
(A) int (B) float (C) char (D) short
- (11) The logical NOT operator denoted by ! is a:-
(A) Unary operator (B) Binary operator (C) Ternary operator (D) Bit operator
- (12) There are _____ loops in C - Language.
(A) Zero (B) One (C) Two (D) Three
- (13) The _____ loop will execute at least once even if condition is false.
(A) While (B) Do-While (C) FOR (D) Switch
- (14) Global variables are created in:-
(A) RAM (B) ROM (C) Hard Disk (D) Cache
- (15) To open a file, _____ function is used.
(A) Open () (B) File open () (C) fopen () (D) Openf ()

OR**VISUAL BASIC**

- (7) _____ one translates Assembly program into machine code.
(A) Compiler (B) Interpreter (C) Assembler (D) Debugger
- (8) Visual Basic was introduced in:-
(A) 1960 (B) 1970 (C) 1980 (D) 1990
- (9) Methods characterized an object:-
(A) Appearance (B) Value (C) Style (D) Behavior
- (10) _____ is a valid Visual Basic data type.
(A) Array (B) Boolean (C) Char (D) int
- (11) Variable names cannot contain a(n):-
(A) Period (B) Number (C) Underscore (D) Letter
- (12) All of the following are logical operators except:-
(A) OR (B) AND (C) NOT (D) <
- (13) In if statement, false is represented by:-
(A) NULL (B) 0 (C) 1 (D) 2
- (14) A loop which never ends is called:-
(A) Infinite loop (B) Finite loop (C) Continuous loop (D) Running loop
- (15) The keyword that marks the end of a Do-structure is:-
(A) End Do (B) Exit Do (C) Loop (D) End While

COMPUTER SCIENCE PAPER-II (NEW SCHEME) (SESSION 2015-2017)

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

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Q.No.1

(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")

MS-ACCESS

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- (4) Reproduction refers to:-
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- (5) A collection of related records:-
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- (6) Correctness and consistency means:-
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C-LANGUAGE

- (7) The logical NOT operator denoted by ! is a:-
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OR**VISUAL BASIC**

- (7) Variable names cannot contain a(n):-
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COMPUTER SCIENCE PAPER-II (NEW SCHEME) (SESSION 2015-2017)

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

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- (5) Reproduction refers to:-
(A) Making data readable (B) Making data clear (C) Making data presentable (D) Making data duplicate
- (6) A collection of related records:-
(A) Field (B) File (C) Database (D) Word

C-LANGUAGE

- (7) The escape sequence to insert horizontal tab is:-
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OR**VISUAL BASIC**

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COMPUTER SCIENCE PAPER-II (NEW SCHEME) (SESSION 2015-2017)

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 15

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. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1

(Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")

MS-ACCESS

- (1) A collection of related records:-
(A) Field (B) File (C) Database (D) Word
- (2) Correctness and consistency means:-
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C-LANGUAGE

- (7) The value $15\%2$ is:-
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(A) Open () (B) File open () (C) fopen () (D) Openf ()
- (15) To run a C – Language program press:-
(A) F 9 (B) Alt + F 9 (C) Ctrl + F 9 (D) Ctrl + F 5

OR**VISUAL BASIC**

- (7) Visual Basic was introduced in:-
(A) 1960 (B) 1970 (C) 1980 (D) 1990
- (8) Methods characterized an object:-
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- (14) The keyword that marks the end of a Do-structure is:-
(A) End Do (B) Exit Do (C) Loop (D) End While
- (15) _____ one translates Assembly program into machine code.
(A) Compiler (B) Interpreter (C) Assembler (D) Debugger

INTERMEDIATE PART-II (12th CLASS)**COMPUTER SCIENCE PAPER-II****(OLD SCHEME) (SESSION 2012-2014)**

TIME ALLOWED: 3.10 Hours

SUBJECTIVE

MAXIMUM MARKS: 83

NOTE: - Write same question number and its part number on answer book,
as given in the question paper.**SECTION-I**

(Either from "MS-Access & C-Language" or from "MS-Access & Visual Basic").

MS-ACCESS**2. Attempt any Eight parts.****8 x 2 = 16**

- | | |
|---|--|
| (i) List different activities in data processing. | (ii) Explain the basic purpose of using Views. |
| (iii) Define Foreign Key. | (iv) State the importance of project planning. |
| (v) Describe the Relationship. | (vi) When the synonym is created? |
| (vii) What do you mean by Redundancy? | (viii) Explain the use of database wizard. |
| (ix) Define Database Object. | (x) Name two table views available in Access. |
| (xi) Why are field properties used? | (xii) Describe the Check Box. |

3. Attempt any Eight parts.**8 x 2 = 16****C-Language**

- | | |
|--|--|
| (i) Define Programming Language. | (ii) State the purpose of Source Code. |
| (iii) Write down a pre-processor directive to include 'math.h' header file. | (v) Why assignment operator is used? |
| (iv) Write down two rules for naming variables. | |
| (vi) Find out errors in the following code:-
Float x, y;
y = = 10.5; | |
| (vii) Write down the output of following code:-
int num = 10;
n = ++num*2
printf("%d",n); | |
| (viii) Why ampersand(&) sign used in scanf() function? | |
| (ix) What is use of getch () function? | |
| (x) Write down output of the following code:-
int n = 100;
printf("% - 5d",n); | |
| (xi) Write down output of following code:-
printf("Hello\`world'"); | |
| (xii) Find out errors in the following code:-
void main <>;
{
print('OK')
} | |

OR**VISUAL BASIC**

- | | |
|--|--------------------------|
| (i) What is meant by Machine Independence? | (ii) Define Source Code. |
| (iii) How Visual Basic programs run? | (iv) Define Variables. |
| (v) Why does integer overflow occur? | |
| (vi) Find out errors in the following code:-
x As Integer, Y As Integer
x + y = y | |
| (vii) Write down output of the following code:-
Dim num As Integer
num = 10
num = num + num * num
MsgBox ("The value of num is" & num) | |
| (viii) Write down syntax of MsgBox. | |
| (ix) Why are radio buttons used in Visual Basic? | |
| (x) Write down output of the following code:-
Dim A As Integer
A = 100
Print 100 mode 8 | |
| (xi) Write down output of the following code:-
Dim X, Y As Integer
X = 10
Y = 3 | |

Print "X ^ y" = "& X ^ Y

Print "X\Y" = "& X\Y

- (xii) Find out errors in the following code:-

```
Dim X Integer
X = C Integer (TextBox1.Text)
```

4. Attempt any six parts.**6 x 2 = 12****C-Language**

- (i) What do you know about "if" Statement?
 (ii) Which data types can be used in the expression in the switch statement?
 (iii) Find errors in the following code segment:-

```
int price = 10;
if (price <> 10)
price = 0;
printf ("price = %d", price);
```
- (iv) Predict the output of the following code segment:-

```
int n = 3;
do
n * = 2;
While (n <= 12 );
Printf ("%d", n);
```
- (v) Convert the following loop into for loop:-

```
int x = 2;
While (x != 5 ) {
Printf ("%d", x++);
}
```
- (vi) Find errors in the following code segment:-

```
int r = 15;
While (R <= 20 ) {
Printf ("%d", r++);
}
```
- (vii) What is Function? (viii) Define Local Variable. (ix) How is a file closed?

OR**VISUAL BASIC**

- (i) What do you know about "If --- Then" Statement?
 (ii) How default case work in select --- case statement?
 (iii) Find errors in the following code segment:-

```
Dim Prnce As Integer
Price = = 10
If Price != 10 THEN
Price = 0
End If Structure
```
- (iv) Predict the input of the following code segment:-

```
Dim N As Integer
N = 3
Do Loop
N = N * 2
Until N > 13
Print N
```
- (v) Convert the following loop into For - Next Loop:-

```
Dim X As Integer
X = 2
While ( x <> 5 )
Print x
X = X + 1
Wend
```
- (vi) Find errors in the following code segment:-

```
Dim R As Integer
R = = 15
While R <= 20
Print R
R++
Wend
```
- (vii) What is Function? (viii) Define Local Variable. (ix) How Exit For works in For - Next Loop?

SECTION-II (Essay Type)**NOTE: - Attempt any one question.****MS-ACCESS**

5. What is Data Modeling? What are the ingredients of Data Modeling? 2 + 6 = 8
6. What is a Relation or Table? Also explain the advantages of RDBMS. 2 + 2 + 2 + 2 = 8

NOTE: - Attempt any two questions either from "C-Language" OR from Visual Basic".

7. How many types of errors can occur in C? Explain all types of errors in detail. 8
C-Language
 OR **Visual Basic**
 Describe the process of application development in Visual Basic. 8
8. Write a program in C – Language that inputs a character and displays whether it is a vowel or not. 8
C-Language
 OR **Visual Basic**
 Write a program in Visual Basic that inputs a character and displays whether it is a vowel or not. 8
9. What is While Loop? Write down its syntax and flowchart. Explain its working with the help of an example. 8
C-Language
 OR **Visual Basic**
 What is While Loop? Write down its syntax and flowchart. Explain its working with the help of an example. 8

SECTION-III (PRACTICAL)**Attempt any three parts of the questions.****3 × 5 = 15**

10. (a) Write down the procedure of Modifying.
- (b) Write down the procedure for freezing and hiding columns.
- (c) Write a program that takes a number and multiplies it with 10 and shows output result in C or Visual Basic.
- (d) Write a program that finds sum of first eight even number in C Language or Visual Basic.
- (e) Write a program that inputs a number, passes it to a function, the function increments it by 10 and displays the result in C program or Visual Basic.

COMPUTER SCIENCE PAPER-II**(OLD SCHEME) (SESSION 2012-2014)**

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 17

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. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1 (Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")

MS-ACCESS

- (1) Collection of related fields is called:- (A) Character (B) Record (C) Database (D) File
- (2) Each item of information within a record is:-
(A) File (B) Field (C) Data (D) Byte
- (3) _____ describes the primary key.
(A) It must be unique (B) May have duplicate values (C) Optional (D) Can not be composite
- (4) _____ describes the characteristics of an object.
(A) Relation (B) Cardinality (C) Attribute (D) Modality
- (5) A relation is in 2nd normal form if all of its non-key attributes are:-
(A) Partially dependant on primary key (B) Independent of the primary key
(C) Independent of any other key (D) Dependent on entire primary key
- (6) Data is entered in table in:-
(A) Datasheet view (B) Design view (C) Print view (D) Normal view
- (7) The layouts of a report is/are:-
(A) 1 (B) 2 (C) 3 (D) 4

C-Language

- (8) Pre-processor directives are commands for:-
(A) Microprocessor (B) C – preprocessor (C) Linker (D) Loader
- (9) Variables are created in:-
(A) ROM (B) Hard Disk (C) Cache (D) RAM
- (10) Format specifiers start with symbol:- (A) ? (B) & (C) % (D) *
- (11) The '&' symbol in scanf indicates _____ of variables.
(A) Values (B) Format (C) Address (D) Data type
- (12) Conditional operator is an alternative of:-
(A) if (B) if else (C) Nested if (D) Switch case
- (13) The case block of switch statement ends with:-
(A) Break (B) End case (C) Case else (D) End select
- (14) In _____ loop the condition comes before the body of the loop.
(A) do-while (B) for () (C) nested-while (D) while ()
- (15) The control structure that causes a statement or set of statements to repeat is called:-
(A) Logical (B) Sequential (C) Label (D) Loop
- (16) A file is stored in:- (A) Hard disk (B) RAM (C) ROM (D) Register
- (17) _____ symbol is used to mark the end of string. (A) \0 (B) \r (C) \e (D) \S

OR**VISUAL BASIC**

- (8) _____ is used to declare variable in Visual Basic.
(A) DEC (B) DIM (C) SUB (D) START
- (9) A portion of Visual Basic IDE used to brows files of a program is called:-
(A) Form layout window (B) Form window (C) File explorer (D) Project explorer window
- (10) A Window that requires the user to take some action before the focus can move the another form:-
(A) Modelessly (B) Modular (C) Modal (D) Module
- (11) _____ is used to make the list box, the current active element.
(A) Lost focus (B) Active (C) Set focus (D) Unload
- (12) Variable that holds a large group of similar type of data is called:-
(A) Constant (B) Array (C) Scalar value (D) Multiple variables
- (13) _____ keyword is used to increment or decrement a counter.
(A) STEP (B) Interval (C) SKIP (D) NEXT
- (14) _____ is used to terminate a loop from within the loop.
(A) End loop (B) Exit loop (C) Exit while (D) Exit do
- (15) _____ programming structure executes program statements in order.
(A) Decision (B) Choice (C) Repetition (D) Sequence
- (16) _____ tool is used to pause execution after a procedure, while stepping through a program.
(A) Step over (B) Run to cursor (C) Step out (D) Step into
- (17) _____ is not an access method that is specified in "Open" statement.
(A) Read (B) Input (C) Output (D) Append

COMPUTER SCIENCE PAPER-II**(OLD SCHEME) (SESSION 2012-2014)**

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 17

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. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1 (Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")

MS-ACCESS

- (1) Data is entered in table in:-
(A) Datasheet view (B) Design view (C) Print view (D) Normal view
- (2) The layouts of a report is/are:-
(A) 1 (B) 2 (C) 3 (D) 4
- (3) Collection of related fields is called:- (A) Character (B) Record (C) Database (D) File
- (4) Each item of information within a record is:-
(A) File (B) Field (C) Data (D) Byte
- (5) _____ describes the primary key.
(A) It must be unique (B) May have duplicate values (C) Optional (D) Can not be composite
- (6) _____ describes the characteristics of an object.
(A) Relation (B) Cardinality (C) Attribute (D) Modality
- (7) A relation is in 2nd normal form if all of its non-key attributes are:-
(A) Partially dependant on primary key (B) Independent of the primary key
(C) Independent of any other key (D) Dependent on entire primary key

C-Language

- (8) The control structure that causes a statement or set of statements to repeat is called:-
(A) Logical (B) Sequential (C) Label (D) Loop
- (9) A file is stored in:- (A) Hard disk (B) RAM (C) ROM (D) Register
- (10) _____ symbol is used to mark the end of string. (A) \o (B) \r (C) \e (D) \\$
- (11) Pre-processor directives are commands for:-
(A) Microprocessor (B) C - preprocessor (C) Linker (D) Loader
- (12) Variables are created in:-
(A) ROM (B) Hard Disk (C) Cache (D) RAM
- (13) Format specifiers start with symbol:- (A) ? (B) & (C) % (D) *
- (14) The '&' symbol in scanf indicates _____ of variables.
(A) Values (B) Format (C) Address (D) Data type
- (15) Conditional operator is an alternative of:-
(A) if (B) if else (C) Nested if (D) Switch case
- (16) The case block of switch statement ends with:-
(A) Break (B) End case (C) Case else (D) End select
- (17) In _____ loop the condition comes before the body of the loop.
(A) do-while (B) for () (C) nested-while (D) while ()

OR**VISUAL BASIC**

- (8) _____ programming structure executes program statements in order.
(A) Decision (B) Choice (C) Repetition (D) Sequence
- (9) _____ tool is used to pause execution after a procedure, while stepping through a program.
(A) Step over (B) Run to cursor (C) Step out (D) Step into
- (10) _____ is not an access method that is specified in "Open" statement.
(A) Read (B) Input (C) Output (D) Append
- (11) _____ is used to declare variable in Visual Basic.
(A) DEC (B) DIM (C) SUB (D) START
- (12) A portion of Visual Basic IDE used to brows files of a program is called:-
(A) Form layout window (B) Form window (C) File explorer (D) Project explorer window
- (13) A Window that requires the user to take some action before the focus can move the another form:-
(A) Modelessly (B) Modular (C) Modal (D) Module
- (14) _____ is used to make the list box, the current active element.
(A) Lost focus (B) Active (C) Set focus (D) Unload
- (15) Variable that holds a large group of similar type of data is called:-
(A) Constant (B) Array (C) Scalar value (D) Multiple variables
- (16) _____ keyword is used to increment or decrement a counter.
(A) STEP (B) Interval (C) SKIP (D) NEXT
- (17) _____ is used to terminate a loop from within the loop.
(A) End loop (B) Exit loop (C) Exit while (D) Exit do

COMPUTER SCIENCE PAPER-II

(OLD SCHEME) (SESSION 2012-2014)

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 17

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. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1 (Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")

MS-ACCESS

- (1) _____ describes the characteristics of an object.
 (A) Relation (B) Cardinality (C) Attribute (D) Modality
- (2) A relation is in 2nd normal form if all of its non-key attributes are:-
 (A) Partially dependant on primary key (B) Independent of the primary key
 (C) Independent of any other key (D) Dependent on entire primary key
- (3) Data is entered in table in:-
 (A) Datasheet view (B) Design view (C) Print view (D) Normal view
- (4) The layouts of a report is/are:-
 (A) 1 (B) 2 (C) 3 (D) 4
- (5) Collection of related fields is called:- (A) Character (B) Record (C) Database (D) File
- (6) Each item of information within a record is:-
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- (7) _____ describes the primary key.
 (A) It must be unique (B) May have duplicate values (C) Optional (D) Can not be composite

C-Language

- (8) Conditional operator is an alternative of:-
 (A) if (B) if else (C) Nested if (D) Switch case
- (9) The case block of switch statement ends with:-
 (A) Break (B) End case (C) Case else (D) End select
- (10) In _____ loop the condition comes before the body of the loop.
 (A) do-while (B) for () (C) nested-while (D) while ()
- (11) The control structure that causes a statement or set of statements to repeat is called:-
 (A) Logical (B) Sequential (C) Label (D) Loop
- (12) A file is stored in:- (A) Hard disk (B) RAM (C) ROM (D) Register
- (13) _____ symbol is used to mark the end of string. (A) \o (B) \r (C) \e (D) \\$
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- (15) Variables are created in:-
 (A) ROM (B) Hard Disk (C) Cache (D) RAM
- (16) Format specifiers start with symbol:- (A) ? (B) & (C) % (D) *
- (17) The '&' symbol in scanf indicates _____ of variables.
 (A) Values (B) Format (C) Address (D) Data type

OR**VISUAL BASIC**

- (8) Variable that holds a large group of similar type of data is called:-
 (A) Constant (B) Array (C) Scalar value (D) Multiple variables
- (9) _____ keyword is used to increment or decrement a counter.
 (A) STEP (B) Interval (C) SKIP (D) NEXT
- (10) _____ is used to terminate a loop from within the loop.
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- (11) _____ programming structure executes program statements in order.
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 (A) Step over (B) Run to cursor (C) Step out (D) Step into
- (13) _____ is not an access method that is specified in "Open" statement.
 (A) Read (B) Input (C) Output (D) Append
- (14) _____ is used to declare variable in Visual Basic.
 (A) DEC (B) DIM (C) SUB (D) START
- (15) A portion of Visual Basic IDE used to brows files of a program is called:-
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- (16) A Window that requires the user to take some action before the focus can move the another form:-
 (A) Modelessly (B) Modular (C) Modal (D) Module
- (17) _____ is used to make the list box, the current active element.
 (A) Lost focus (B) Active (C) Set focus (D) Unload

COMPUTER SCIENCE PAPER-II**(OLD SCHEME) (SESSION 2012-2014)**

TIME ALLOWED: 20 Minutes

OBJECTIVE

MAXIMUM MARKS: 17

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. Attempt as many questions as given in objective type question paper and leave others blank. No credit will be awarded in case BUBBLES are not filled. Do not solve question on this sheet of OBJECTIVE PAPER.

Q.No.1 (Either from "MS-ACCESS & C-LANGUAGE" OR from "MS-ACCESS & VISUAL BASIC")

MS-ACCESS

- (1) _____ describes the primary key.
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- (3) A relation is in 2nd normal form if all of its non-key attributes are:-
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(A) File (B) Field (C) Data (D) Byte

C-Language

- (8) Format specifiers start with symbol:- (A) ? (B) & (C) % (D) *
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- (17) Variables are created in:-
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- (17) A portion of Visual Basic IDE used to brows files of a program is called:-
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BOARD OF INTERMEDIATE AND SECONDARY EDUCATION,

MULTAN ✓

OBJECTIVE KEY FOR INTER (PART I/ II) Annual Examination, 2017.

Name of Subject Computer Science Session 2017
Group: 1st Group: 2nd

NEW

Q. Nos.	Paper Code	Paper Code	Paper Code	Paper Code
	4831	4833	4835	4837
1.	D	D	C	B
2.	B	B	D	C
3.	C	D	B	D
4.	D	D	D	B
5.	B	B	D	D
6.	D	C	B	D
7.	C	A	D	A
8.	A	D	B	D
9.	D	B	A	B
10.	B	A	D	A
11.	A	C	B	D
12.	D	C	A	B
13.	B	A	C	A
14.	A	D	C	C
15.	C	B	A	C
16.				
17.				
18.				
19.				
20.				

OLD

Q. Nos.	Paper Code	Paper Code	Paper Code	Paper Code
	8831	8833	8835	8837
1.	B	A	C	A
2.	B	C	D	C
3.	A	B	A	D
4.	C	B	C	A
5.	D	A	B	C
6.	A	C	B	B
7.	C	D	A	B
8.	B	D	B	C
9.	D	A	A	C
10.	C	A	D	B
11.	C	B	D	A
12.	B	D	A	D
13.	A	C	A	D
14.	D	C	B	A
15.	D	B	D	A
16.	A	A	C	B
17.	A	D	C	D
18.				
19.				
20.				

سرفیکٹ بائٹ تصحیح سوالیہ پرچہ مارکنگ Key

ہم نے مضمون CST پرچہ 2nd گروپ New + Old امتحان 2017 کا سوالیہ پرچہ تیار کیا ہے۔ اس سوالیہ پرچہ میں کسی قسم کی کوئی (Subjective & Objective) کو نظر میں رکھ کر لیا ہے یہ پرچہ سلیبس کے عین مطابق Set کیا گیا ہے۔ اس سوالیہ پرچہ میں کسی قسم کی کوئی غلطی نہ ہے ہم نے سوالیہ پرچہ کا اندازہ امریزی Version بھی چیک کر لیا ہے یہ Version آپس میں مطابقت رکھتے ہیں اور سلیبس (Syllabus) کے مطابق بھی ہیں۔ نیز اس پرچہ کی Key کی بائٹ بھی تصدیق کی جاتی ہے کہ یہ بھی درست بتائی گئی ہے اس میں بھی کسی قسم کی کوئی غلطی نہ ہے۔ مزید یہ کہ ہم نے Key بنانے سے متعلق دفتر کی جانب سے تیار کردہ ہدایات وصول کر کے ان کا بغور مطالعہ کر لیا ہے اور ان کی روشنی میں Key بنائی ہے۔

PREPARED & CHECKED BY

Sr.No	Name	Designation	Institution	Mobile No.	Signature
1	M. IQBAL LATIF	A/P	Govt. Degree College Sherwani	03336116116	<i>Iqbal</i>
2	M. FAHIM	A/P	Govt. College Burewala	03334162604	<i>Fahim</i>
2	Mohammad Ali	A/P	Govt. College at Burewala	0333618943	<i>Mohammad Ali</i>