1219 (Inter Part – II)   (Session 2015-17 to 2017-19)   Paper (II)

Computer Science (Objective)

Time Allowed:- 20 minutes   **PAPER CODE   4831**   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. Write **PAPER CODE, which is printed on this question paper**, on the both sides of the Answer Sheet and fill bubbles accordingly, otherwise the student will be responsible for the situation. Use of Ink Remover or white correcting fluid is not allowed.

(MS-ACCESS)

S.N.		Questions	A	B	C	D
1.		A type of file that contains data is called?	data file	Program file	image file	Query file
2.		Which of the following is also known as control Key?	Primary Key	Candidate Key	Sort Key	Foreign Key
3.		Which of the following is used to describe the characteristics of an object?	Modality	Attribute	Cardinality	Entity
4.		In 3NF, a non-key attribute must not depend on	Sort Key	Synonym	Homonym	Non-Key attribute
5.		The output of a database application is	Form	Query	Report	Macros
6.		The data in table is entered in	Datasheet view	Layout view	Design view	Normal view
7.	(C.Lng)	Which of the following language provided the basis for the development of C?	B	C++	Pascal	Cobol
	OR (VB)	Which of the following is native language of computer?	Machine language	Assembly	C++	V.B
8.	(C.Lng)	The number of digits after a decimal point is called	Significance	Range	Precision	Scope
	OR (VB)	A project file is saved with the following extension.	.frm	.bmp	.vbp	.frx
9.	(C.Lng)	Which character signifies the beginning of an escape sequence?	{	//	*	\
	OR (VB)	Which event occurs after a form has closed?	ShutDown	EndClose	FormClosing	FormClosed
10.	(C.Lng)	Conditional operator is an alternative of	if	if-else	nested-if	if-else-if
	OR (VB)	Which of the following is not a Visual Basic data type?	Byte	Register	Long	Integer
11.	(C.Lng)	Which programming structure executes program statements in order?	Sequence	Relation	Decision	Repetition
	OR (VB)	Which of the following reverse the Boolean value of a relational expression?	NOT	AND	OR	BUT
12.	(C.Lng)	What does a compound condition use to join two conditions?	Relational Operator	Relational Result	Logical Result	Logical operator
	OR (VB)	Which control combines the features of a textbox and listbox?	Scrollbar	Check Box	Radio Button	Combo Box
13.	(C.Lng)	While loop is also called	Wend loop	Counter loop	Conditional loop	Continuous loop
	OR (VB)	A loop which never ends is called	Inner loop	Nested loop	Infinite loop	Continuous loop
14.	(C.Lng)	The process of sending an argument to a function is called	Sending	Passing	Filtering	Delivering
	OR (VB)	The process of sending an argument to a function is called	Sending	Passing	Filtering	Delivering
15.	(C.Lng)	On Successfully closing a file, the fclose ( ) returns	0 (Zero)	NULL	1 (One)	FILE Pointer
	OR (VB)	How many elements are in following array? DIM Arr(5,5) As Integer	36	25	6	5

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1219 (Inter Part-II)   (Session 2015-17 to 2017-19)

Computer Science (Subjective)   Paper (II)

Time Allowed: 2.10 hours   Maximum Marks: 60

SECTION ------------- 1

2. **Answer briefly any Six parts from the following.**   (MS-Access)   6 × 2 = 12

(i) Differentiate between data redundancy and data inconsistency.

(ii) What do you mean by data independence?   (iii) Write three important characteristics of a primary key.   (iv) Why feasibility study is used?   (v) Define database anomilies. (vi) Describe transitive dependency.   (vii) What do you mean by Relational Data Base Management System?

(viii) Define Referential Integrity.   (ix) What are check boxes?

3. **Answer briefly any SIX parts from the followings:-**   6 × 2 = 12

C – Language   **Visual Basic**

(i)   What do you know about delimiters?   (i)   Why source code is converted into object code?

(ii) Differentiate between Compiler and Interpreter?   (ii) What is Compiling?

(iii) Define expression?   (iii) What is properties window?

(iv) Rewrite the expression n++; without using the operator ++   (iv) Why Visual Basic is called event Driven language.

(v)   What will be the output of the following   (v)   How are event procedure named?

```
int number = 6;
int x = 0;
x = number --;
printf ("%d\n", x);
```

(vi) Find errors in the following code segment   (vi) What is variable?

```
int a b;
a = 10
b = 5;
printf ("a+b = %c", a+b);
```

(vii) Define getch function?   (vii) How variable is declared?

(viii) Write C- statement to print the value of unsigned long x.   (viii) Define Inputbox?

(ix) What will be the Output of the following.   (ix) Differentiate between check box and option button?

```
printf ("55\t");
printf ("555");
```

4. **Answer briefly any Six parts from the followings:-**   6 × 2 = 12

C – Language   **Visual Basic**

(i)   Define condition.   (i)   Name and describe three basic styles of combo boxes.

(ii) Convert the following conditional statement into if-else statement x < 0 ? y = 10 : z = 20 ;   (ii) How is a picture removed at runtime?

(iii) Determine the output of following code.   (iii) What is the purpose of timer control?

```
If(1==2)
printf("Hellow");
else
printf ("Correct it");
```

(iv) Define do-while Loop.   (iv) What does MDI mean?

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C- Language

(v) Convert following while loop into for Loop.
```
int c = 0;
while (c<5)
{
printf("%d\n",c);
c++;
}
```

(vi) Determine the output
```
for(a=5; a < = 5; a = a + 5)
printf ("%d",a);
```

(vii) Define user-defined function.

(viii) Compare Local and global variables.

(ix) Define a stream.

(2)   Visual Basic

(v) Define ToolTip.

(vi) Name two types of Sub programs.

(vii) What is standard code module?

(viii) Write the use of function procedure?

(ix) What is function argument?

SECTION ------------ II

Note: Attempt any ONE question.

(8 × 1 = 8)

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5. Discuss four advantages of DBMS?

6. What is field property? Discuss any four properties in detail.

SECTION ------------ III

Note: Attempt any TWO questions either from "C – Language" OR from "Visual Basic".   (8 × 2 = 16)

7.   C – Language   Describe different data types to store integer data in C-Language.

7.   --OR--Visual Basic   Describe different data types to store integer data in VB.

8.   C – Language   What is nested "if" statement? Draw its flow chart. Explain its working with an example.

8.   --OR--Visual Basic   What is nested "if" statement? Draw its flow chart. Explain its working with an example.

9.   C – Language   Write a program that inputs a number from user and display the factorial of that number.

9.   --OR--Visual Basic   Write a program in VB that inputs a number from user and displays the factorial of that number.

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