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Sign. Dy. Supdt.

Fictitious Roll No. (For Office Use)

Sign. Candidate

Computer Science

019/1

(PART - II)

(INTERMEDIATE)

Marks : 15

(OBJECTIVE PART)

(*)

Time : 20 Minutes

Note:- Write your Roll No. in space provided. Over writing, cutting, using of lead pencil will result in loss of marks. All questions are to be attempted.

1- Each question has four possible answers, Tick (✓) the correct answer. (15)

MS - Access

1	A collection of related fields is called;			
	A Character	B Record	C Database	D File
2	An attribute is also known as;			
	A Table	B Relation	C Row	D Field
3	In ER model, the relationship between two entities is represented by;			
	A Diamond symbol	B Rectangular box	C Oval symbol	D Line
4	Different attributes in two different tables having same name are called;			
	A Synonym	B Homonym	C Acronym	D Mutually exclusive
5	The following database object is used to retrieve data from database;			
	A Table	B Form	C Report	D Querie
6	Default field size of a text data type field is;			
	A 02	B 10	C 20	D 50

C-Language OR Visual Basic

C-Language

7	The process of identifying and removing errors in the program is called;			
	A Debugging	B Processing	C Executing	D Linking
8	The number of bytes used by float data type in C is;			
	A 02	B 04	C 06	D 08
9	Format specifier is started with symbol;			
	A ?	B &	C %	D *
10	Which of the following is valid case statement in a switch statement;			
	A Case 1:	B Case x < 1:	C Case x > 1:	D Case 1.5:
11	Conditional operator is an alternative of;			
	A If statement	B If-else statement	C Nested if statement	D If-else-if statement
12	The loop which never ends is called;			
	A Infinite loop	B Running loop	C Continuous loop	D Nested loop
13	One execution of a loop is known as a(n):			
	A Cycle	B Duration	C Itration	D Test
14	Another name for built-in function is;			
	A User-defined function	B Library function	C Arithmetic function	D Logical function
15	In the statement FILE* fp, the * represents;			
	A Variable	B Parameter	C Argument	D Pointer

OR Visual Basic

7	The process of identifying and removing errors in the program is called;			
	A Debugging	B Processing	C Executing	D Linking
8	The number of bytes used by single data type in Visual Basic is;			
	A 02	B 04	C 06	D 08
9	Which of the following is NOT an arithmetic operator;			
	A +	B -	C >	D MOD
10	which of the following returns true if A = 25 and B = 35;			
	A A <> B	B A > B	C A >= B	D A = B
11	You can enter data in control only when it has;			
	A Tab order	B Focus	C Mask	D Control
12	What is name of a program that translates VB code to object code;			
	A Interpreter	B Assembler	C Compiler	D Debugger
13	One execution of a loop is known as a(n):			
	A Cycle	B Duration	C Itration	D Test.
14	Another name for built-in function is;			
	A User defined function	B Library function	C Arithmetic function	D Logical function
15	Which event is activated when a radio button is selected?			
	A Selected changed	B Selection changed	C Checked	D Checked changed

(The End)

COMPUTER SCIENCE

PAPER : PART - II

MARKS: 60

TIME : 2:10 Hours

019/1
INTERMEDIATE

AJK-12-19

(SUBJECTIVE PART)

Note:- Attempt any Eighteen (18) short questions in all selecting six from Q. 2 and Q. 3 each and six from Q. 4. (18 x 2 = 36)

SECTION - I

2- Write short answers of any six questions. (2 x 6 = 12)

1	Why is it important to specify data type and size of a field?	2	What is the purpose of database integrity?
3	What is the purpose of index file?	4	Distinguish between an entity class and entity instance.
5	Why is normalization used?	6	What is a repeating group?
7	Write down any two advantages of IDE.	8	What is the use of text data type?
9	What is the purpose of radio button?		

3- Write short answers of any six questions. (2 x 6 = 12)

C-Language

1	What do you know about C-statements?	2	What is the use of "define" preprocessor?
3	Define standard identifier with example.	4	Write down the output of following code segment int x = 10, y = 15 ; x = x ++; y = ++ y; printf ("%d %d", x, y);
5	Write a 'C' constant declaration statement that gives the name PI to value 3.142.	6	Find the errors in following code segment. int a ; b; a = 10; b = = 5;
7	What is the purpose of escape sequences "In" and "It"?	8	Write the code to input and display the following variables of integer data type (a, b and c)
9	What is output of following code segment? x = 5 ; y = x ++; printf ("%d %d", x, y);		

OR

Visual Basic

1	What are fixed length strings?	2	Define Boolean variable with example.
3	Describe three default buttons on Message Box.	4	Write down the output of following code segment. Dim x, y as Integer x = 10 y = 15 x = x + 1 y = y + 1 print x print y
5	Write a V-B constant declaration statement and assign name PI to value 3.142	6	What is a relational expression?
7	How 'goto' statement can be used in Visual Basic?	8	Which statements terminate 'DO' and 'For' loops early?
9	What is the output of following code segment? x = 5 y = x + 1 print x print y		

4- Write short answers of any six questions. (2 x 6 = 12)

C-Language

1	What is a condition?	2	Convert the following conditional expression into if-else statement x < 0 ? y = 10 : z = 20;
3	What will be the output of the following char ch = 'a'; switch (ch) { case 'a' : printf ("A"); case 'b' : printf ("B"); }	4	Define sentinel value.

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