Answer Sheet No. | Computer Science | (Smart Syllabus) | Roll No.

PART – II | 021/1 | (Objective Part)

(INTERMEDIATE) (✿✿✿)

AJK-21

Sign. Dy. Supdnt. | Fictitious Roll No. (For Office Use) | Sign. Candidate

Computer Science 021/1 (Smart Syllabus)

(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

i	The output of the query is in the form of;							
	A	Table	B	Form	C	Report	D	Query
ii	Which data type is default data type in MS Access;							
	A	Memo	B	Number	C	Text	D	Auto number
iii	The extension of program file is;							
	A	.com	B	.exe	C	.txt	D	.doc
iv	The foreign key is found in;							
	A	Dependent table	B	Parent table	C	Pivot table	D	Index table
v	A person's name and birthday are examples of;							
	A	Entities	B	Attributes	C	Relationships	D	Descriptors
vi	Which form of dependency is removed in 2NF;							
	A	Functional	B	Transitive	C	Associative	D	Partial

C-Language

vii	Which of the following format specifier is used for string;							
	A	%f	B	%d	C	%s	D	%c
viii	Which programming structure execute statements in order;							
	A	Relation	B	Sequence	C	Repetition	D	Decision
ix	A loop within another loop is called;							
	A	Complex loop	B	Dual loop	C	Infinite loop	D	Nested loop
x	The printf( ) is a;							
	A	Built in function	B	User defined function	C	Keyword	D	Variable
xi	Which of the following is used to save a file;							
	A	F2	B	F3	C	F5	D	F9
xii	An IDE stands for;							
	A	Input Desktop Error	B	Input Data Error	C	Integrated Disk Environment	D	Integrated Development Environment
xiii	The number of bytes used by float data type in C is;							
	A	2	B	4	C	8	D	12
xiv	Variable names cannot begin with;							
	A	Lower – case letters	B	Upper – case letters	C	Underscore	D	Number
xv	The functions used for input and output are stored in;							
	A	Stdio. h	B	Conio. h	C	Math. h	D	Inout. h

(The End)

COMPUTER SCIENCE 021/1 (Smart Syllabus)

PAPER : PART – II INTERMEDIATE

MARKS: 60 AJK-21

TIME : 2:10 Hours (SUBJECTIVE PART)

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

SECTION – I

2- Answer briefly any Six parts from the following. (6 x 2 = 12)

(MS – Access)

i	Define candidate key also give an example.	ii	Write any two responsibilities of Database administrator.
iii	What is project planning?	iv	Differentiate between logical database design and physical database design.
v	Write any two benefits of MS Access.	vi	How to open existing database?
vii	Name any two methods for creating tables in MS Access.	viii	Write any two characteristics of table.
ix	What is the difference between tabular form and columnar form?		

3- Answer briefly any Six parts from the following. (6 x 2 = 12)

C-Language

i	What are delimeters in C language?	ii	What is mean by case sensitivity of C language?
iii	Define programming language.	iv	Differentiate between keyword and identifier.
v	List three problems while working with floating point numbers.	vi	What is increment operator in C?

vii	Trace output
	int x = 22;
	if(x%2 = = 1)
	Print *f* ("odd");
	else
	Print *f* ("even");
		viii	Write output of the following code
			if (7! = 10)
			print *f* ("hello");
			else
			print *f* ("welcome");

ix	Trace errors
	int x = 7;
	if (x/2 = 0);
	print f ("ok);
	else
	if (x/7 ≠ 0)
	print *f* ("fine");		

4- Answer briefly any Six parts from the following. (6 x 2 = 12)

C-Language

i	List four functions for input in C.	ii	Differentiate between getch and getche function?

iii	Write down the use of "print*f*" function? Write its syntax.	iv	Predict the output of the following code segment:
			Int a = 2;
			While (a < = 7)
			{
			Print*f*(\n a = %d" , a);
			a++;
			}

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v	Predict the output of the following code segment;
	int i = 1;
	for (; i < = 10 ; i ++)
	print*f* ("Hello");
		vi	Find the errors in the following code segment:
			int i = 5 ,
			while (i < = 10);
			{
			Print*f* ("ok");
			i + + ;
			}

vii	Define function header.	viii	How is a function activated?
ix	Define binary stream.		

SECTION – II

Note:- Attempt any ONE questions. **(8 x 1 = 08)**

MS - ACCESS

5- Describe any four features of DBMS. (08)

6- Define transitive dependency? How it can be removed? (08)

SECTION – III

Note:- Attempt any TWO questions. **(8 x 2 = 16)**

C-Language

7- What is programming language? Discuss two main categories of programming languages. (08)

8- What are control structures? Explain three types of control structures. (08)

9- Write a program in C that inputs a number and display its table. (08)

(The End)