(P43)

Model Paper for 2021 & onward)

Computer Science (Objective) (Inter Part II)
Time Allowed:- 20 minutes 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.No.	Questions	A	B	C	D
1.	The output of a database application is	Form	Query	Report	Macros
2.	The data in table is entered in	Datasheet view	Layout view	Design view	Normal view
3.	A type of file that contains data is called?	data file	Program file	image file	Query file
4.	Which of the following is also known as control Key?	Primary Key	Candidate Key	Sort Key	Foreign Key
5.	Which of the following is used to describe the characteristics of an object?	Modality	Attribute	Cardinality	Entity
6.	In 3NF, a non-key attribute must not depend on	Sort Key	Synonym	Homonym	Non-Key attribute

C Language

S.N.	Questions	A	B	C	D
7	The process of sending an argument to a function is called	Sending	Passing	Filtering	Delivering
8	On Successfully closing a file, the fclose ( ) returns	0 (Zero)	NULL	1 (One)	File Pointer
9	Which of the following language provided the basis for the development of C?	B	C++	Pascal	COBOL
10	The number of digits after a decimal point is called	Significance	Range	Precision	Scope
11	Which character signifies the beginning of an escape sequence?	\	{	#	}
12	Conditional operator is an alternative of	if	If-else	Nested if	If-else-if
13	Which programming structure executes program statements in order?	Sequence	REelation	Decision	Repitition
14	What does a compound condition use to join two conditions?	Relational Operator	Relational Result	Logical Result	Logical Operator
15	While loop is also called	Wend loop	Counter loop	Conditional loop	Continuous loop

(Inter Part-II) **(Model Paper for 2021 & onward)**
Computer Science (Subjective) (Inter Part II)
Time Allowed: 2.10 hours Maximum Marks: 60

SECTION ----------------- I

2. Answer briefly any Six parts from the following. **6 × 2 = 12**

(MS-Access)

(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

(i) What do you know about delimiters?
(ii) Differentiate between Compiler and Interpreter?
(iii) Define expression?
(iv) Rewrite the expression n++; without using the operator ++
(v) What will be the output of the following

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

(vi) Find errors in the following code segment

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

(vii) Define getch function?
(viii) Write C- statement to print the value of unsigned long x.
(ix) What will be the Output of the following.

```
printf (“55\t”);
printf (“555”);
```

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

C – Language

(i) Define condition. (ii) Define if statement. (iii) Define logical operators
(iv) Define -while Loop

Convert following while loop into for Loop.

(v)

```
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.

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

Note: Attempt any ONE question. **(8 × 1 = 8)**

MS - ACCESS

5. Discuss four advantages of DBMS?
6. What is field property? Discuss any four properties in detail.

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

Note: Attempt any TWO questions **C – Language** **(8 × 2 = 16)**

7. Describe different data types to store integer data in C-Language.
8. What is nested "if" statement? Draw its flow chart. Explain its working with an example.
9. Write a program that inputs a number from user and display the factorial of that number.

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