Roll Number

In Figures: _____

In Words: _____
_____

Superintendent

Signature / Stamp:
_____

Fic. No. _____

Time Allowed: 3 Hours　　　　　　　　　　　　　　　　　　　　**Marks: 75**

Note: There are THREE sections in this paper i.e. Section A, B and C.
Attempt Section-A on the same paper and return it to the Superintendent within the given time.
No marks will be awarded for **Cutting, Erasing or Overwriting. Marks of Identification** will lead to UFM case, **Mobile Phone** etc are not allowed in the examination hall.

Time Allowed: 20 minutes　　　　　　**Section – A**　　　　　　**Marks: 15**

Q-I Write the correct option i.e. A, B, C or D in the empty box provided opposite to each part.

#	Question	A	B	C	D	Ans
i.	The operator used to get value at address in a pointer variable is...............	$\|\|$	&	$	*	D
ii.	A text file has an extension.....	.bin	.doc	.txt	.ppt	B
iii.	In file handling open() is used to...............	Open compiler	Open file	Open spread sheet	All these	B
iv.	C programs are converted into machine language with the help of........	An interpreter	An operating system	A compiler	None of these	C
v.	The expression x=4+2% – 8 evaluates to	–6	4	6	None of these	D
vi.	Evaluate the expression (true && false)||false......	True	Both A & B	False	None of these	C
vii.	The.......determines whether the project should go forward.	Problem identification	Feasibility	System evaluation	Design	B
viii.	System software is also known as...........	Application program	Operating system	Compiler	Utility software	B
ix.	Which of the given is not a process state..............	Ready	Jumping	Running	Block	B
x.	The last character of a string array is........	\n	\1	\t	\0	D
xi.	........is not the part of a function signature.	Name of the function	Function declaration	Return type of the function	Data types of the argument	D
xii.	The break statement is used to exit from............	An if statement	A for loop	A switch statement	The main()	A
xiii.	Variable inside of the function declaration have....... Level access.	Global	Universal	Local	None of these	C
xiv.	Destructor is used for	Construction of program	Freeing allocated memory to	Initializing object	All these	B
xv.	Inheritance is used to........	Running classes	Code reusability	Make the program simpler	All these	B

COMPUTER SCIENCE

Inter Part –II (New)

(Fresh)

Note: Time allowed for Section – B and Section – C is 2 Hours and 40 minutes.

Section – B
Marks: 40

Q-II   Answer any TEN parts. Each part carries FOUR marks.

1.   Define operating system.

2.   What are the state of a process?

3.   Differentiate variable and constant.

4.   Define for loop.

5.   What are the steps of software development life cycle (SDLC)?

6.   Write general syntax of comment statement.

7.   What is file handling?

8.   Define OOP?

9.   Define member functions in OOP.

10.   Describe the advantages of using pointer variables.

11.   What do you mean by inheritance?

12.   How pointer variable is declared?

13.   What is function prototype.

Section – C
Marks: 20

Note : Attempt any TWO questions. All questions carry equal marks.

Q-III   Write a program with a function that takes two integer variable and return the sum of these variable to main() function.

Q-IV   What are variables? Write rules of naming variables.

Q-V   Write short note on the following:

(a)   Functions of operating system

(b)   Data hiding