

[Time:2.30 Hrs]		[Marks:75]
Please check whether you have got the right question paper.		
N.B:	1. All question are compulsory. 2. Figures to the right indicate full marks. 3. Students answering in the regional language should refer in case of doubt to the main text of the paper in English.	

Q.1	Attempt <u>any three</u> of the following: a. State the features of C Programming. b. Describe the structure of C program with the help of example. c. Define flowchart. Explain various symbols used in it. d. What are variables? State the rules for naming variables. e. Explain various data types available in C Programming. f. What are Constants? State its types.	15
Q.2	Attempt <u>any three</u> of the following: a. Explain relational Operator in detail. b. Write a program to find the area of a circle. Accept input from the user. c. Write a short note on Standard Library functions. d. Explain type Casting with example. e. What are different format specifiers? Explain with examples. f. Explain Operator precedence & associativity rules.	15
Q.3	Attempt <u>any three</u> of the following: a. Write a program to find the Largest of three numbers. b. Design a menu driven arithmetic Calculator. c. What are Function? Discuss its types. d. Write a program to find factorial of a user entered number. e. Describe Switch Case statement with Suitable program. f. Write a program to print the reverse of a number using while loop.	15
Q.4	Attempt <u>any three</u> of the following: a. State the difference between Global and Local Variable. b. What are pre-processor directives? List and explain their purpose. c. Write a short note on <Math.h> file. d. What is an array? State its declaration & explain its types. e. What is String? Explain different methods of string. f. Write a Program to find the largest element in an array.	15

Q.5	Attempt <u>any three</u> of the following: a. Differentiate between call by reference and call by value? b. What are Structures in C? Explain Declaration with example. c. Explain passing pointer to function with example. d. Write a code to declare an array of structure called Book. Initialize & display details for two books. e. Write a program to swap two numbers using pointers. f. State the difference between structure and union.	15
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