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SUBJECT CODE NO:- 2116
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. T.Y Sem. V
Examination March/April-2022 (To Be Held In June/July-2022)
3) Programming in C – I 505

[Time: 1:53 Hours]

[Max. Marks:40]

- N.B Please check whether you have got the right question paper.
- N.B
- i. All question are compulsory
 - ii. Assume the data wherever not given with justification
 - iii. Figure to the right indicate full marks.
- Q.1
- A. Attempt any one:
 - a) Discuss character set in C language. 05
 - b) Discuss programming style in C-program- 05
 - B. Attempt any one :
 - c) Write the steps required to execute C program.
 - d) Explain floating point data types in C language with example.
- Q.2
- A. Attempt any one :
 - a) Explain conditional operator and bitwise operators. 05
 - b) Write the types of operators in C language. 05
 - B. Attempt any one :-
 - c) Write a program to compute salesman's salary with suitable data.
 - d) Write the rules for evaluation of expressions in C language.
- Q.3
- A. Attempt any one:-
 - a) Explain getcher function in C language. 05
 - b) Discuss in detail operator precedence and associativity. 05
 - B. Attempt any one:-
 - a) Write a program to compute the roots of $ax^2 + bx + c = 0$
 - b) Write a program to detect errors in scanf input. 10
- Q.4 Fill in the blanks:
- i. The function to lower is used to covert the _____ argument into an _____
 - ii. The size of operator is normally used to determine the _____
 - iii. The _____ header file contains mathematical functions.
 - iv. The words int and float are called the _____
 - v. A string constant is a sequence of characters enclosed in _____