

Roll No. _____

LITERARY
Karnatak Arts Science & Total No. of Pages : 2
College
B I D A R - 585 401

PGIHS-N 1014 A-2K13
M.A/M.Sc. IInd Semester (CBCS) Degree Examination

Mathematics

(Programming in C)

Paper - HCT 2.3

(New)

Time : 3 Hours

Maximum Marks : 80

Instructions to Candidates:

- 1) Answer any five questions.
- 2) All questions carry equal marks.

1. a) What is a computer? What are the characteristics of computers. (8)
b) Discuss the application areas of computers (8)
2. a) Explain the basic structure of C-program. (8)
b) Define keywords and identifiers. Explain the rules for forming identifier name. (8)
3. a) What is data type? Explain the four basic data types in C. (8)
b) What is a statement? Explain different types of statements. (8)
4. a) Discuss the formatted input-output statements. (8)
b) Write a C-program that accepts the radius of a circle and compute the area and its perimeter. (8)
5. a) How do you classify C operators. (8)
b) What are increment and decrement operators? Distinguish between pre and post increment. (8)
6. a) Discuss logical operators in C (8)
b) Write a C-program to find the largest among the three input integer numbers. (8)

7. a) What are conditional control statements in C and explain any one with suitable example. (8)
- b) Explain the looping statements while and do-while with suitable examples. (8)
8. a) Discuss nested for statement with suitable example. (8)
- b) Explain break statement with suitable example. (8)
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