END TERM EXAMINATION

FIRST SEMESTER [BCA] DECEMBER-2008

Paper Code: BCA 105	Subject: Programming with C
Paper Id-20105	(Batch 2005-2008)
Time : 3 Hours	Maximum Marks :75

Note: Attempt any five questions.

Q1.   Define '20' C-keywords used in C-programming language. Explain briefly each keywords.   **(15)**

Q2.   What do you understand by relational and logical operators used in C-programming language? Provide examples support your answer.   **(15)**

Q3.   Write a C-program to find a palindrome string. String will be input by the user. "A palindrome string has a feature to get the same spelling read to forward or backward direction an example is 'MADAM'.   **(15)**

Q4.   (a) Write down the differences between structure and union.   **(8)**
       (b) Write down the differences between while statement and do------ while statement.   **(7)**

Q5.   Discuss the feature of the following headers files.   **(5x3=15)**
       (a) Stadio. h
       (b) Conio.h
       (c) Stdlib.h
       (d) C type.h
       (e) String.h

Q6.   (a) Write a C-program to multiply two matrixes, using dynamic memory allocation.   **(12)**
       (b) What do you understand by malloc and calloc functions?   **(3)**

Q7.   Explain the following:
       (a) Why does got statement is not favourable in C-programming?   **(5)**
       (b) What are the value range of int and character data types?   **(3)**
       (c) Why does" # include" is used in G-programming.   **(3)**
       (d) What do you understand by "passing values" and "passing references" in functions?   **(4)**

Q8.   Write short notes on **any three:**   **(5x3=15)**
       (a) Top-down design
       (b) Bit-wise operators
       (c) Array and pointer relationship?
       (d) File handling
       (e) Break and continue operator

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