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MODEL QUESTION PAPER
OF
Programming in C & MATLAB (ECMATH201)
Group-A
Each Question Carrying 10 marks

1. What is flowchart? Explain different symbols used for flowchart.
2. Explain the structure of C Programming in detail.
3. What are data types? Explain with example of all data types supported in C language.
4. What are the differences between while and do-while loop? Explain in details
5. Write a program to check whether the given number is prime or not prime.
6. What are the advantages of functions? Write a C program using function to exchange two numbers.
7. Explain the following string handling functions with example:
   a) strcpy()   b) strcmp()   c) strcat()   d) strlen()

Group-B
Each Question Carrying 25 marks

8. What is operator? Explain with example of all types operators in C language.
9. What are conditional statements in C? Explain all conditional statements with example.
10. Explain with example of all looping control statements in C.
11. Write a C program to multiply two matrices of different order.
12. Define two dimensional arrays. Write a program to calculate sum of two matrices.
13. What are Storage classes in C? Explain all storage classes in detail.
14. What is MATLAB? Explain the features and advantages of MATLAB programming Language.

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