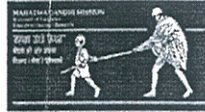


Ankit Pedwal



MAHATMA GANDHI MISSION

MGM's College of Engineering and Technology  
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AY 2014-15

Class : FE (ALL)  
Subject: SPA

Sem : II  
Marks :20

TEST: II(a)

NOTE: Solve any two from Q.1 and Q.2 each

- Q.1. a. Explain switch control statement with the help of example. 4M  
b. Write a program to find average of 3 numbers using functions. 4M  
c. Explain various storage classes in C with example. 4M

Q.2. a. Write a program to implement calculator with following operations:

(i) Add two numbers      (ii) Subtract two numbers

(iii) Division of two numbers (iv) Multiply two numbers

- b. Write a program to display Armstrong nos between 1 to 1000. 6M  
c. Write a program to generate following patterns (upto n rows, to be taken from user). 6M

1  
2    2  
3    3    3  
4    4    4    4

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