

D107/P131/CMP503/EE/20170104

Time : 3 Hours

Marks : 80

Instructions :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Write any five rule of Operator Overloading. 5
 - b) Write characteristics of Constructor Function. 5
 - c) Write Basic Structure of C++ Program. 5
 - d) Explain scope resolution operator. 5
 - e) Explain Logical Operator. 5
2. Solve any **four** sub-questions.
 - a) Write a difference between C and C++. 5
 - b) Write short note on Comments. 5
 - c) Write a short note on Manipulator with example. 5
 - d) Explain the Implicit typecasting with example. 5
 - e) Write a short note on Default Value in Parameter with example. 5
3. Solve any **four** sub-questions.
 - a) Write a short note on Data abstraction and encapsulation. 5
 - b) Explain Inline Function with syntax. 5
 - c) How to Initialize Array with example? 5

- d) Explain the syntax of for loop. 5
- e) WAP Enter any five subject from user and display Total and percentage. 5
- 4. Solve any **four** sub-questions.
 - a) What is Object Oriented Programming? 5
 - b) Explain the keyword break. With example. 5
 - c) Write a program by applying concept of Pointer to function. 5
 - d) Explain the Condition Operator. 5
 - e) Why do we use virtual functions? 5

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