D107/P131/CMP503/EE/20190205

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.

---

1. Solve any **four** sub-questions.

   a) Differentiate between POP and OOP.   5

   b) State and explain of benefit of C++.   5

   c) Write short note on Inline function.   5

   d) Explain function overloading.   5

   e) How to perform Copy Constructor?   5

2. Solve any **four** sub-questions.

   a) Write short note on Dynamic Constructor.   5

   b) Explain Single Inheritance.   5

   c) Explain working of Abstract classes.   5

   d) Explain Pointers.   5

   e) Explain Pure Virtual Function.   5

3. Solve any **four** sub-questions.

   a) Explain Stream Classes.   5

   b) Describe Manipulators.   5

   c) Explain working of throwing mechanism.   5

   d) How to handle exception in operator overloading function?   5

   e) Explain function template with multiple parameter.   5

KA19-1380   D107/P131/CMP503/EE/20190205 : 1   (P.T.O.)

4. Solve any **four** sub-questions.

    a) Write short note on Iterators.   5

    b) Define container classes. List application of container classes. 5

    c) Describe Rethrowing an exception.   5

    d) Explain working of formatted console I/O operation.   5

    e) Write short note on Scope resolution operator.   5

<div align="center">✦✦✦✦✦✦✦</div>