

Sant Gadge Baba Amravati University, Amravati Summer -2020 Examination
Hanuman Vyayam Prasarak Mandal's College of Engineering and Technology, Amravati
Course: Information Technology
BE Four Year Fourth Semester (Information Technology) Summer 2020 Exam
Subject: 4IT03 Object Oriented Technologies

Instructions

- 1) Solve any two question
- 2) Each question carries 10 marks

Question No. I) solve the following

- 1) Explain the Limitations of procedural programming [2]
- 2) Explain the concept of unary operator overloading [2]
- 3) Explain the concept of containership [2]
- 4) Explain the concept of friend function [2]
- 5) Explain formatting flags [1]
- 6) Explain the concept of exception. [1]

Question No. II) Solve the following

- 1) Explain the concept of constructor [2]
- 2) Explain pitfalls of operator overloading [2]
- 3) Explain the concept of base class [2]
- 4) Explain the term Abstract class [1]
- 5) Explain the concept of stream error [1]
- 6) Explain the concept of class template [2]

Question No.III) Solve the following

- 1) Explain the need of object-oriented programming [2]
- 2) Explain concept of new and delete operator [2]
- 3) Explain the concept of multiple inheritance [1]
- 4) Explain the concept of static function [2]
- 5) Explain the concept of error handling in file I/O [1]
- 6) Explain concept of standard template library [2]

Question No. IV) Solve the following

- 1) Explain the concept of copy constructor [2]
- 2) Explain the concept of operator overloading [2]
- 3) Explain the concept of function overloading [2]
- 4) Explain the concept of virtual function [2]
- 5) Explain the concept of command line argument [1]
- 6) Explain concept of function template [1]