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 Third Semester (Information Technology) Summer 2020 Exam

Subject: 3IT02 Programming Methodology

Instructions

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

Question No. I) solve the following

1) Explain the term class and object   [2]

2) Explain concept of operator   [2]

3) Explain the concept of constructor   [2]

4) Explain the term Event   [1]

5) Explain types of Inheritance   [2]

6) Explain the concept of exception.   [1]

Question No. II) Solve the following

1) Explain the term Inheritance and polymorphism   [2]

2) Explain Syntax of switch operator   [2]

3) Explain the concept of this   keyword   [2]

4) Explain the term Action Listener   [1]

5) Explain the concept of packages   [1]

6) Explain the concept of try and catch   [2]

Question No.III) Solve the following

1) Explain term method and garbage collection   [2]

2) Explain concept of math class   [2]

3) Explain syntax of array in java   [1]

4) Explain concept of Button with syntax   [2]

5) What is multithreaded programming?   [1]

a) It's a process in which two different processes run simultaneously

b) It's a process in which two or more parts of same process run simultaneously

c) It's a process in which many different process are able to access same information

d) It's a process in which a single process can access information from many sources

6) Explain concept of input stream [2]

Question No. IV) Solve the following

1) Explain the term data abstraction and encapsulation [2]

2) Explain concept of array. [2]

3) Explain the difference between string and string buffer class [2]

4) Explain the concept of label with syntax [2]

 5) Explain the concept of applet [1]

6) Explain concept of output stream [1]