B033313(033)

B. Tech. (Third Semester) Examination, Nov.-Dec. 2020

(New Scheme)

OBJECT ORIENTED CONCEPTS & PROGRAMMING USING JAVA

Time Allowed : Three hours

Maximum Marks : 100

Minimum Pass Marks : 35

Note : *Attempt all the questions. Part (a) is compulsory from each unit and carries 4 marks. Attempt any **two** parts from (b), (c) and (d). Each part carries 8 marks.*

Unit-I

1. (a) What do you mean by class and object?

    (b) What are the features of OOP's in Java?

(c) Explain command line argument with suitable code.

(d) Explain 'this' keyword with suitable program.

Unit-II

2. (a) What is packages in Java?

(b) What is abstract classes in Java?

(c) What is 'Final' keyword? Explain is uses.

(d) What is methods overriding? Explain with program.

Unit-III

3. (a) What do you mean by exception?

(b) How we can handle an exception in Java?

(c) What is user defined exception? Write a suitable code.

(d) What are the different string handling method in Java?

Unit-IV

4. (a) What is thread priority?

(b) What do you mean by thread synchronization?

(c) How we can create a thread?

(d) Explain life cycle of thread.

Unit-V

5. (a) What is AWT?

(b) Explain life cycle of applet.

(c) What are the JDBC drivers?

(d) What are the basic steps to connect Java application with database.