

Exam.Code:0926
Sub. Code: 6878

(14)

1059
B.E. (Information Technology) Eighth Semester
ITE-843: Java Technologies

Time allowed: 3 Hours

Max. Marks: 50

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting two questions from each Unit.

x-x-x

I. Define the following:-

- a) Package
- b) JVM
- c) Synchronization
- d) Swing
- e) Access control

UNIT - I

II. a) Differentiate between method overloading and method overriding with a suitable example.

b) Define the following:-

super(); final; finalize

(5,5)

III. Write a Java program to create a random access file that could store the details regarding the students like Roll no., Name, Class, Marks. The user should provide all these details through keyboard and is able to add new record as well as can print the details of any student whenever required. (10)

IV. a) Discuss the multi thread model of Java.

b) What is AWT class? How is Applet initialize? Also explain event handing in applets. (5,5)

UNIT - II

V. Discuss in detail the web, business and application components of J2EE architecture.

VI. What are Java servlets? Discuss in detail how clients and server communicate through servlets. (5,5)

VII. Write a short note on the following:-

a) Stateless and Stateful session beans

b) Developing and Testing Java Server Pages

(5,5)

x-x-x