

Exam.Code:0004
Sub. Code: 0390

2071
B.A./B.Sc. (General) Fourth Semester
Computer Applications
CA-08: Java Programming

Time allowed: 3 Hours

Max. Marks: 30

NOTE: Attempt five questions in all, including Question No. IX (Unit-V) which is compulsory and selecting one question each from Unit I -IV.

x-x-x

UNIT - I

- I. a) What is Java? Explain the features of it in detail.
b) What do you mean by expressions in Java? Explain the operators of it with the help of suitable example. (2x3)
- II. What is inheritance? How super to call super class constructors is used. Explain it with the help of a program. (6)

UNIT - II

- III. What do you mean by arrays? Define the types of arrays in detail. (6)
- IV. How we can create multiple inheritance using strings. Explain it in detail. (6)

UNIT - III

- V. Describe exception handling? Explain the types of exception in detail and where it is used. (6)
- VI. What do you mean by multithreading? Describe the thread life cycle. (6)

UNIT - IV

- VII. What do you mean by Applet? Describe the types of Applet and its life cycle. (6)
- VIII. How applet is incorporating into web pages. Also explain the process of creating and running applet. (6)

P.T.O.

UNIT - V

IX. Attempt the following:-

- a) What is ByteCode?
- b) What are objects?
- c) Define destructor.
- d) What do you mean by packages?
- e) What is StringBuffer class
- f) Explain try and catch?

(6x1)

x-x-x