

Register Number :

Name of the Candidate :

6 9 2 1

M.C.A. DEGREE EXAMINATION, 2009

(THIRD SEMESTER)

(PAPER - XV)

311. ADVANCED JAVA

(*New Regulations*)

(*Including Lateral Entry*)

December]

[Time : 3 Hours

Maximum : 100 Marks

SECTION - A (8 × 5 = 40)

Answer any EIGHT questions.

All questions carry equal marks.

1. What is a package ? Explain class number access in package with an example.
2. Explain Java data types and control statements.
3. How do create a thread and start it running ? Explain with example.

Turn Over

2

4. What is an interface ? Explain.
5. What do you mean by AWT ? Explain the various layouts with an example.
6. What are the uses of update () and repaint () methods of applets ?
7. Discuss about swing components.
8. What are the methods of Inet address ? Explain.
9. Explain the necessity of JVM.
10. Explain about the memory considerations of JSP compared to other web components.

SECTION - B (3 × 20 = 60)

Answer any THREE questions.

All questions carry equal marks.

11. (a) Define inheritanace and explain the multiple inheritances. (10)
- (b) Explain the content handler and protocol handler in detail with corresponding classes, methods and examples. (10)

3

12. (a) Briefly explain exception handling. (10)
- (b) Explain the use of nested 'try' statements. (10)
13. (a) Explain in brief event sources and event listeners. (10)
- (b) Explain the graphic methods available in Java. (10)
14. (a) Discuss the following :
 - (i) Jbutton class. (5)
 - (ii) Jradio button class. (5)
- (b) Explain the servlet architecture. (10)
15. (a) Explain the architecture of CORBA.(10)
- (b) Discuss the steps involved in compiling and deploying an application that uses RMI. (10)