

(44)

Register Number :

4)

Name of the Candidate :

2690

**B.C.A. DEGREE EXAMINATION, 2008**

(THIRD YEAR)

(PART - III)

(PAPER - XVI)

**720. INTERNET AND JAVA  
PROGRAMMING**

(New Regulations)

(Including Lateral Entry)

May ]

Time : 3 Hours

Maximum : 100 Marks

**SECTION - A** (8 × 5 = 40)

Answer any EIGHT questions.

All questions carry equal marks.

1. Explain the difference between public and default access specifier.

Turn over

39

42

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2. What is type casting ? Explain with reference to JAVA language.
3. Explain the different ways of creating a Thread.
4. Explain how Radio Buttons are created using AWT classes in a Java program.
5. Difference between start and init method of Applet.
6. What is the use of vector class ? Explain how it is different from an array.
7. How to write a Session Beans ?
8. List the advantages of Java Beans.
9. Write the benefits of EJB.
10. Briefly discuss about JINI.

SECTION - B (3 × 20 = 60)

Answer any THREE questions.  
All questions carry equal marks.

11. (a) Explain the features of OPP's technology.  
(10)

45

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12. (a) What are Layout managers ? Explain the use of Grid Layout. (10)
- (b) Explain with the help of an example the use of Card Layout. (10)
13. (a) How to access a database and manipulate data in it using JDBC ? (10)
- (b) What are Interfaces ? How do they differ from classes ? (10)
14. (a) How to build image server applications via beans ? (10)
- (b) Write the brief theory of Java Beans. (10)
15. Explain the following JSP custom Tag API,
  - (i) Do start Tag.
  - (ii) Do End Tag.
  - (iii) Get Parent.
  - (iv) Set Parent.
  - (v) Set page Context.
  - (vi) Release.