

Register Number :

Name of the Candidate :

**7 2 6 6**

**B.C.A. DEGREE EXAMINATION, 2007**

( THIRD YEAR )

( PART - III )

( PAPER - XVI )

**720. INTERNET AND JAVA  
PROGRAMMING**

*( New Regulations )*

*( Including Lateral Entry )*

May ]

[ Time : 3 Hours

Maximum : 100 Marks

**PART - A** (8 × 5 = 40)

*Answer any EIGHT questions.*

*All questions carry equal marks.*

1. What are objects and classes ? Explain with example.
2. What is the use of string buffer classes ? - Explain.

**Turn over**

3. Write short notes of GUI components in JAVA.
4. Explain the concept of multi - threading.
5. What is RMI ? Explain with example.
6. How can you connect database in JAVA ? - Explain.
7. What is a need of JAVA beans ? - Explain.
8. What is CORBA ? Explain the concept.
9. Discuss about JSP swings.
10. What is the advantage of JINT technologies ? - Explain.

**PART - B** (3 × 20 = 60)

*Answer any THREE questions.*

*All questions carry equal marks.*

11. (a) What is an inheritance ? Explain with examples. (10)
- (b) Explain about Built in exceptions in JAVA. (10)
12. (a) What is AWT classes ? Explain the usage of different AWT controls. (10)

- (b) Explain various purposes of layout manager. (10)
13. (a) What is the difference between Applet and an application ? How do you create an applet ? - Explain. (10)
- (b) Explain about input - output streams with example. (10)
14. (a) Explain the structure of JDK and steps to create and configure an instance of molecule bean. (15)
- (b) What are the advantages of JAVA beans ? - Explain. (5)
15. (a) What is the importance of EJB ? Explain the steps to create application in EJB. (10)
- (b) Explain how the security is maintained in EJB and JSP swing technologies. (10)