

2008 BHARATHIAR UNIVERSITY M.C.A

DEPARTMENT OF COMPUTER SCIENCE AND APPLICATIONS
II-M.C.A - 2006 BATCH
JAVA PROGRAMMING
MODEL EXAM
SEMESTER-IV.

MARKS:100
TIME: 3 HRS

SECTION-A

(10*2=20)

1. What is meant by byte code in java?
2. Define JVM.
3. Define finalization.
4. How is a derived class inherited from a base class.
5. Define Sub Class.
6. Define Multithreading
7. What are the different ways of creating Thread.
8. Define Thread Scheduling.
9. What are the standard IOStreams in java.
10. Define Applet.

SECTION-B

(5*6=30)

11. a. Write a short note on Java Environment
(OR)
- b. Write a note on java features
12. a. Write a note on If statement in Java with example
(OR)
- b. Write a note on how classes are related to one another with example.
13. a. Differentiate Overloading and Overriding
(OR)
- b. Define Package? Expalin how to access and import package in java.
14. a. Write the complete syntax for using applet tag.
(OR)
- b. Write a note on Random access file.
15. a. Explain the difference between java applet and application.
(OR)
- b. Write a note on Character Stream in Java.

SECTION-C

(5*10=50)

16. a. Write a detail note on i) Static members and methods ii) Virtual function
iii) Abstract class. iv) Super keyword v) Finalize

(OR)

b. Explain Inheritance and its types with example.

17. a. How to initialize and terminate applets in java.

(OR)

b. What are the steps handled in Exception Handling.

18. a. Write a java program to illustrate thread priority.

(OR)

b. Explain File Input and File Output Streams.

19. a. Explain in detail about event handling in swing.

(OR)

b. Write in detail about package handling.

20. a. Write in detail about JDBC Connectivity.

(OR)

b. Explain in detail about servlet and servlet life cycle.