



M 11445

Reg. No. :

Name :

V Semester B.A./B.Sc./B.Com./B.B.A./B.B.A.T.T.M./B.B.M./ B.C.A./B.S.W.

Degree (CCSS – Regular) Examination, November 2011

CORE COURSE IN COMMERCE

5B12 COM : (D-Computer Application)

Programming in Java

Time: 3 Hours

Max. Weightage : 30

PART – A

This part consist of **two** bunches of question carrying **equal** Weightage of **one**. Each bunch consists of **four** objective type questions. Answer **all** questions.

I. Fill in the blanks :

- 1) The name of a Java program file must match the name of the class with the extension _____
- 2) _____ can appear anywhere in the body of a Java method.
- 3) Objects are passed to a method by use of _____
- 4) Every method of a _____ class is implicitly final. (W = 1)

II. Choose the most appropriate answer :

- 5) Polymorphism is extensively used in implementing _____
a) OOPs b) Inheritance c) Dynamic binding
- 6) The binding of data and functions together into a single class-type variable is referred to as _____
a) Encapsulation b) Extension c) Overloading
- 7) The mechanism of deriving a class from another derived class is known as _____
a) Multilevel inheritance b) Initialization c) Encapsulation

P.T.O.



8) The member functions of a derived class can directly access the _____ data

a) Protected

b) Private

c) Private and protected

(W = 1)

PART – B

Answer **any 8** questions in **one** or **two** sentences **each**. **Each** question carries a Weightage of **one**.

9. What is an Abstract Class ?

10. What is a comparison operator ?

11. What is a control variable ?

12. What is Encapsulation ?

13. What is Multithreaded ?

14. Explain inheritance.

15. What is pass by value ?

16. What is URL ?

17. What is Polymorphism ?

18. What is dynamic linking ?

(W = 8×1=8)

PART – C

Answer **any 6** questions. Answer not to exceed **one** page. **Each** question carries a Weightage of **two**.

19. Describe the benefits of object-oriented programming.

20. Write the general form of the switch statement.



21. Describe with a flow chart, the process of building and running Java Application Programs.
22. Explain JVM.
23. List the basic data types used in java.
24. Write the Execution of the for statement.
25. Explain Public Access.
26. Explain Java Constants.

(W = 6×2=12)

PART – D

Answer **any 2**. **Each** question carries a Weightage of **four**.

27. Briefly explain Java Tokens.
28. Describe in detail the steps involved in implementing a Java Program.
29. What is OOP ? What are the basic concepts of OOP ?

(W = 2×4=8)
