M 4368

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./
B.A. Afsal Ul Ulama Degree (CCSS – Reg./Supple./Improv.)
Examination, November 2013
Core Course in Commerce
5 B12 COM : D – COMPUTER APPLICATION PROGRAMMING IN JAVA

Time : 2 Hours   Max. Weightage : 20

PART – A

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

1. 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) A package is a collection of _____

                                                                                 (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 6** questions in **one** or **two** sentences **each**. **Each** question carries a Weightage of **one**.

9. What is a Base Class ?

10. What is a Compiler ?

11. What is a Derived Class ?

12. What is Extends ?

13. What are Multi dimensional array ?

14. Explain OOP.

15. What is Polymorphism ?

16. What is a variable ?

17. What is meant by Pass by Value ?

18. What is a float ?   (W. 6×1=6)

PART – C

Answer any **4** questions. Answer not to exceed **one** page. **Each** question carries a Weightage of **two**.

19. Describe the Application of object-oriented programming.

20. Explain decision making with **if** statement.

21. Explain Java Constants.

22. Explain Literals.

23. List out the Java Operators.

24. Write the Execution of the **for** statement.

25. Explain Public Access.

26. What are the different forms of inheritance ?   (W. 4×2=8)

PART – D

Answer any **1**. **Each** question carries a Weightage of **four**.

27. Explain the features of Java.

28. Explain the steps of creation of an Array.

29. What is OOP ? What are the basic concepts of OOP ?   (W. 1×4=4)

———————