M 2095

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./Impróv.) Examination, November 2012
CORE COURSE IN COMMERCE
Paper – 5B12 COM : (D-Computer Applications) Programming in Java

Time : 2 Hours   Max. Weightage : 20

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) A method declared as _____ cannot access non-static class members.

3) Objects are passed to the 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) Which of the following is not a keyword ?

   [a) Null   b) Implements   c) Protected]

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

   [a) Protected   b) Private   c) Private and Protected]   **(W = 1)**

P.T.O.

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PART – B

Answer **any six** 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 are multiple inheritances ?

14) What is Pass by Value ?

15) What is Polymorphism ?

16) What is dynamic linking ?   (W = 6×1=6)

PART – C

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

17) Describe the Benefits of object-oriented programming.

18) Write the general form of the Switch statement.

19) Describe with a flow chart, the process of building and running Java Application Programs.

20) List the basic data types used in Java.

21) Write the Execution of the for statement.

22) Explain Java Constants.   (W = 4×2=8)

PART – D

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

23) Briefly explain Java Tokens.

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

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