Term End Examination - December, 2017
DIPLOMA IN WEB DESIGNING (DWD)
DWD-02: PROGRAMMING IN JAVA

Time: 3 Hours **Full Mark: 100**

*(Answer any **four** questions from **Group -'A'**, any **two** questions from **Group -'B'** and any **three** questions from **Group -'C'**)*

Group 'A' Mark: 5 × 4= 20

*(Answer any **four** questions each within 100 words)*

Q.No.1.
  a) Why Java is called Platform independent language?
  b) What do you mean by Object Oriented Programming?
  c) What is a JVM?
  d) Name the five Java Tokens.
  e) What do you mean by recursion in java?
  f) What is Object and declare an object.
  g) What is method and explain with example.

Group 'B' Mark: 10 × 2= 20

*(Answer any **two** questions each within 250 words)*

Q.No. 2.
  a) What are the basic concepts of OOP? Explain briefly.
  b) Explain the concept of method overloading with example.
  c) Explain difference between call by value and call by reference.
  d) Describe about logical operators used in Java.
  e) Write a Java program to find largest of three numbers.

Group 'C' Mark: 20 × 3= 60

*(Answer any **three** questions each within 500 words)*

Q.No.3. Write a "Hello world program" in Java. Explain the meaning of each statement.
Q.No.4. Write a program in Java to check, a given number is Prime or not.
Q.No.5. Write the features of the object oriented programming language like Java.
Q.No.6. Write a program to compares two strings using string method
Q.No.7. What is a constructor? Discuss different types of constructors in Java?
Q.No.8. How to implement an array in java? Explain with an example.