UESB — CA (CC – 3)

2024(Backlog)
(Session : 2023-26)

Time : 3 hours

Full Marks : 60

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Answer from both the Groups as directed.

Group – A

(Very Short-answer Type Questions)

(Compulsory)

1. Answer the following questions : 1×10 = 10

   (a) Name the developer of Java.

   (b) Define Variable.

   (c) Write down the difference between C++ and Java.

   (d) What is Class and Object ?

WT – 114/3 (Turn over)

(e) Define AWT.

(f) What is Constructor in Java ?

(g) Define logical operator of Java.

(h) What is Java Applets ?

(i) Define Exception Handling.

(j) Define Methods in Java.

2. How many types of data type available in Java ? Explain. 5

Group – B

Answer any **three** questions of the following :

3. What are the various looping statement available in Java ? Explain each with example. 15

4. Define Array. Explain its type with suitable example. 15

5. What is Method overloading ? Differentiate between Method overloading and Method overriding. 15

6. Write the Java program : 15

(a) Find the factorial of entered number.

(b) Check the entered number is prime number or not.

(c) Accept a string and print its length.

7. Write short notes on any **three** of the following :

5×3 = 15

(a) Inheritance

(b) Java operator

(c) Applet Application

(d) Package in Java

(e) Catch in Exception Handling

(f) Abstract Class

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