

2024(Old)
(Session : 2022-25)

Semr 2

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
(Compulsory)

1. Very short-answer type questions of the following :

1×10 = 10

- (a) What is Java programming ?
- (b) Write the steps of compiling and executing a Java program.
- (c) Define Java applets.
- (d) What is Class ?

- (e) Define Enumerations.
 - (f) What is Thread class ?
 - (g) Define Garbage collection.
 - (h) What is Catch in Exception Handling ?
 - (i) What is Try in Exception Handling ?
 - (j) Differentiate between variables and constants.
2. Define any five different types of operator used in Java programming. 5

Group – B

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

15×3 = 45

- 3. Define features of object oriented programming. Also define function overloading with suitable examples.
- 4. What is Constructor ? Explain its different types with suitable examples.
- 5. Define Inheritance and its different types with suitable examples.

BR – 77/2

(2)

Contd.

- 6. (a) WAP to find greater among three numbers.
 - (b) WAP to find reverse of any numbers.
 - (c) WAP to store 10 numbers in an array. Find its sum.
7. Write short notes on any **three** of the following :
- (a) Exception Handling
 - (b) JDBC
 - (c) Applet Architecture
 - (d) Java Platform Independent (Byte code)
 - (e) Scanner class
 - (f) Java Data types



BR – 77/2 (1,500)

(3)

UESB — CA
(CC – 3)