2022

BCA (Honours)

Paper Code : DSE-1 : E1(a)/E2(a)

(CBCS)

Full Marks : 25

Time : Two Hours

The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.

Paper Code : E1(a)

[Introduction to Java Programming]

Group - A

Answer any *five* questions :   2×5=10

1. (a) What is exception?

    (b) What is encapsulation?

    (c) What is method overriding?

    (d) What are wrapper classes?

    (e) What are symbolic constants?

    (f) Define Keywords.

(2)

Group - B

Answer any *three* questions :   5×3=15

2. (a) How does multithreading improve the performance of Java?

   (b) In what ways does a switch statement differ from an if statement?   2.5+2.5

3. Explain the difference between Abstract class and Interface. Given a point (x, y), write a program to find out if it lies on the x-axis, y-axis, or at the origin. 2+3

4. What is the difference between final, finally and finalize. How Multilevel Inheritance is done in Java?   2.5+2.5

5. Write a short note on any *one* :   5

   (a) Inheritance

   (b) Constructor

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