

A-1103

Total Pages : 3

Roll No.

MSCIT-13/MCA-16

MSCIT/MCA

(Programming in Java)

4th Semester Examination, 2024 (June)

Time : 2:00 Hrs.

Max. Marks : 70

Note :- This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

Section-A

(Long Answer Type Questions) 2×19=38

Note :- Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. Which are the eight primitive data types in Java ?
What is the difference between primitive data type and wrapper class ?
2. What is object orientation ? What are the benefits of object orientation ? What is byte code and why is it important to Java's use for internet programming ?
3. What is the purpose of declaring exceptions ? How do you declare on exception and where ? Can you declare multiple exceptions in a method declaration ?
4. What do you understand by event handling in java ?
Give examples of mouse event, keyboard event, and windows events.
5. What is an Applet ? Explain Applet life cycle. Write a program to show how parameters are passed in an applet program.

Section–B

(Short Answer Type Questions) 4×8=32

Note :- Section 'B' contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. What is the different decision-making statement in JAVA ? Explain each.

2. What is the difference between while and do., while statement in JAVA ? Explain with help of example.
3. What is the difference between final, finally, finalize ? Explain by giving an example.
4. What is package ? Explain by giving an example.
5. What is super in Java ? Explain different use of super in Java with the help of Java program ?
6. How will you execute the base class constructor from derived class ? Give example.
7. What is File Handling in JAVA ? Explain.
8. What is JDBC ? Explain Connection Management in JDBC.
