S-777

Total Pages : 3   Roll No. --------------

MCS-508

Programming in JAVA

(MCA/MSCIT)

2nd /4th Semester, Examination 2022(Dec.)

Time: 2 Hours   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.

Section – A

(Long Answer – type questions)

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.

[2 x 19 = 38]

P.T.O.

Q.1. What is thread? How is thread created? How do we set the priority of a thread? Explain with suitable example.

Q.2. What is object oriented programming language? Explain two differences between object oriented paradigms of programming languages over structured paradigm.

Q.3. What is the difference between method overloading and method overriding? Explain by giving an example.

Q.4. What is applet? Create an applet that displays the current time, updated once per second.

Q.5. What is the difference between AWT and Swing? In what way JButton is better than Button class? Give suitable example.

Section – B

(Short-answer-type questions)

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.

[4 x 8 = 32]

Q.1.   Define Applet Architecture?

Q.2.   What is exception handling? How many types of system defined exception in JAVA?

Q.3.   What is the difference between final, finally, finalize? Explain by giving an example.

Q.4.   What is the difference between StringBuffer and String class? Explain by giving an example.

Q.5.   What are the different Operators in Java? Explain.

Q.6.   Explain different use of super in Java with the help of Java program?

Q.7.   What are the classes in Java available for file handling? Explain.

Q.8.   Explain the term tokenizer and serialization.

****