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Roll No

MCA-405 (A)

M.C.A. IV Semester

Examination, June 2020

Java Programming and Technologies

(Elective-I)

Time : Three Hours

Maximum Marks : 70

- Note:** i) Attempt any five questions.
ii) All questions carry equal marks.

1. a) Explain the term Inheritance with an example. 7
b) Write a java program to find the sum of the digits of the given number. 7
2. a) What is method overriding and how does one prevent a method from being overridden? 7
b) Write the difference between break and continue statements in Java. 7
3. a) What is built in exception? How to create own exceptions? 7
b) With example, explain how to handle the exception with overloaded methods. 7
4. a) Write a Java program to implement multiple inheritance using interface. 7
b) List out four methods of an applet and write a program to pass parameters to an applet. 7

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5. a) Explain the following terms. 7
 - i) Events
 - ii) Event sources
 - iii) Event class
 - iv) Event listeners
- b) Write a java program for mouse events handling. 7
6. a) Explain detail about java streams and I/O. 7
- b) Write a java program to display the details of a given Employee using JDBC. 7
7. a) Write a RMI program to communicate a client to remotely available server. 7
- b) Write the steps for creating RMI applications with example. 7
8. a) Explain RMI Registry services. 7
- b) What is multithreading? Explain with an example. 7

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