

R17

Code No: 843AE

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

MCA III Semester Examinations, October/ November - 2020

JAVA PROGRAMMING

Time: 2 Hours

Max.Marks:75

Answer any five questions
All questions carry equal marks

1. How objects oriented programming paradigm will help programmer the complexity? Explain with suitable example. [15]
2. Describe various forms of inheritance with suitable code segments and also discuss the limitations and costs of inheritance. [15]
3. How Java handles exceptions? Write a program to explain the usage of all five keywords in exception handling. [15]
4. Write a program to handle keyboard events using delegation event model. [15]
5. Discuss lifecycle of an applet and demonstrate parameter passing to applets. [15]
- 6.a) Differentiate between method overloading and method overriding
b) What features of Java make it a robust language? [7+8]
- 7.a) Differentiate between abstract class and interface.
b) Java program performs I/O through streams. Discuss the two types of streams. [7+8]
- 8.a) Write a program to demonstrate the value() and valueOf() methods of enumeration.
b) How to embed supplemental information into a source file? Explain with an example. [7+8]

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