

**R18**

Code No: 157EU

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

**B. Tech IV Year I Semester Examinations, July/August - 2022**

**JAVA PROGRAMMING**

**(Common to CE, EEE, ME, ECE)**

**Time: 3 Hours**

**Max.Marks:75**

**Answer any five questions  
All questions carry equal marks**

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- 1.a) List and explain java buzzwords.
- b) Explain various parameter passing techniques with example. [7+8]
- 2.a) Write a java program to multiply two matrices.
- b) Give an example for constructor overloading. [7+8]
- 3.a) Distinguish between classes and interfaces.
- b) What is package? What are its advantages? Give examples. [7+8]
- 4.a) What is an interface? Discuss various issues in extending an interface.
- b) Discuss various forms of inheritance in Java. [7+8]
- 5.a) Distinguish between throw and throws keywords for exception handling.
- b) Give an overview of string handling functions in Java. [7+8]
6. How can you create your own exception? Explain with an example. [15]
- 7.a) Write a program to create student registration form with appropriate fields and components.
- b) Give an overview of event handling in Java. [7+8]
8. What is a thread? How do you assign thread priorities? What is a daemon thread? [15]

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