

Code No: 124CX

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

B.Tech II Year II Semester Examinations, August/September - 2022

JAVA PROGRAMMING

(Common to CSE, IT)

Time: 3 Hours

Max.Marks:75

Answer any five questions
All questions carry equal marks

- 1.a) Explain Data abstraction encapsulation and inheritance with suitable example.
b) Discuss different data types defined in Java. [8+7]
2. Explain the following with example
a) *this* keyword.
b) garbage collection.
c) Constructor. [5+5+5]
- 3.a) What is inheritance? Discuss different inheritance types.
b) Does java supports multiple inheritances? Justify your answer.
c) Discuss member access rules. [6+3+6]
- 4.a) What is inner class? Discuss different inner classes.
b) What is a package? Explain creating and accessing package with example. [7+8]
- 5.a) Explain checked exceptions and unchecked exceptions with example.
b) Explain the usage of try, catch, throw, throws and finally keywords in exception. [7+8]
- 6.a) Explain different procedures for creating thread.
b) Explain thread states and thread priorities. [7+8]
- 7.a) Explain different java collections in brief.
b) Write a Java program to copy contents of one file to another.
c) What is JDBC? Explain different JDBC drivers. [5+5+5]
- 8.a) Explain AWT class hierarchy.
b) What is an Applet? Explain the life cycle of an Applet.
c) Write a java program to pass parameters to an Applet. [5+5+5]

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