

6661

BOARD DIPLOMA EXAMINATION, (C-16)

JUNE-2019

DIT- FIFTH SEMESTER EXAMINATION

OOP THROUGH JAVA

Time: 3Hrs

Max. Marks: 80

PART-A

10x3=30M

Instructions: 1) Answer all questions. Each question carries 3 marks
2) Answer should be brief and straight to the point and shall not exceed five simple sentences.

- 1) Define class.
- 2) Mention the features of java.
- 3) Write the syntax of if..else statement in java.
- 4) List the logical operators in java.
- 5) Define Inheritance.
- 6) Write any three differences between class and interface.
- 7) Give the syntax of importing packages in java.
- 8) Mention the states in life cycle of a thread.
- 9) What is an exception? Give an example?
- 10) List the types of JDBC drivers.

PART-B

10x5=50M

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Instructions: 1) Answer any five questions Each question carries 10 marks
2) Answer should be comprehensive and the criterion for valuation is the content but not length of the Answer.

- 11) What is object oriented programming? Explain the features of it.
- 12) List and explain the iteration statements with an example for each.
- 13) Define constructor. Explain various types of constructors with an example.
- 14) Explain multi level inheritance with a java program.
- 15) Define interface. Explain the implementation of an interface with a java program.
- 16) Explain the concept of synchronization.
- 17) Explain inter thread communication.
- 18) Explain JDBC architecture with neat sketch.

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