

6661

BOARD DIPLOMA EXAMINATION, (C-16)

MARCH /APRIL-2019

DIT- FIFTH SEMESTER EXAMINATION

OOP THROUGH JAVA

TIME: 3 HOURS

Max.MARKS:80

## PART-A

10X3=30M

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

- 1) Write any three differences between class and structure.
- 2) Write the syntax of switch statement in Java.
- 3) Define constructor. List the types of Constructors in Java.
- 4) Mention the use of this pointer.
- 5) Write the names of access specifiers.
- 6) Define package.
- 7) Define interface.
- 8) Define thread.
- 9) Write any three advantages of exception handling.
- 10) List the three kinds of statements used in JDBC.

**PART-B**

**5X10=50M**

**Instructions :**

- 1) Answer any **five** questions
- 2) Each question carries **ten** marks
- 3) Answer should be comprehensive and the criteria for valuation is the content but not the length of the answer.

- 11) Explain the features of Object Oriented programming.
- 12) a) Explain the process of entering and executing a Java program.  
b) What is variable? How to declare and initialize a variable in Java.
- 13) List and explain the types of operators in java.
- 14) Write a java program to avoid overriding by using 'final' keyword.
- 15) Explain the implementation of an interface with a Java program
- 16) Explain the thread model of Java.
- 17) Describe the following methods a) alive() b) join() c) suspend()  
d) resume()
- 18) Explain the steps in connecting to database using JDBC.

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