



C16-IT-503

6661

BOARD DIPLOMA EXAMINATION, (C-16)

OCT/NOV—2018

DIT—FIFTH SEMESTER EXAMINATION

OOP THROUGH JAVA

Time : 3 hours ]

[ Total Marks : 80

**PART—A**

3×10=30

**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. What is object? Give example.
2. Write the differences between constructor and method.
3. Write about declaration and initialization of a variable in Java.
4. What is the use of new operator?
5. What is class path?
6. Write the process of importing a package.
7. List different types of access modifier in Java.
8. List the advantages of exceptions.
9. Describe suspend() and resume().
10. List the JDBC drivers.

**PART—B**

10×5=50

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

11. (a) List the features of object oriented programming. 5  
(b) Define class. Give example. 5
12. Explain various kinds of operator in Java.
13. Explain the method overloading with the help of a program.
14. Explain the concept of inheritance and its types.
15. Write a Java program on package.
16. Explain creating a thread using runnable interface.
17. Explain deadlock with the help of a Java program.
18. Explain JDBC architecture.

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