



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*

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**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.

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**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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