



C16-CM-402

6431

BOARD DIPLOMA EXAMINATION, (C-16)

JANUARY/FEBRUARY—2022

DCME - FOURTH 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. Write any six comparisons between procedure oriented programming and object oriented programming.
2. Define applet in Java.
3. Write a short note on break and continue in Java.
4. Write the purpose of final keyword in Java.
5. List different types of inheritance.
6. What is the scope of variable in interface?
7. Define package.
- * 8. Write any three advantages of exception handling.
9. Write the functionality of isAlive() and join() methods in Java.
10. Write about prepared statement.

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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 criterion for valuation is the content but not the length of the answer.

11. Explain any five features of object oriented programming.
12. Explain method overloading with an example program.
13. (a) Explain about command line arguments with example program. 6
(b) Explain about static keyword. 4
14. Explain the concept of interface with an example program.
15. (a) Write a Java program to demonstrate 'the use of final key word to avoid method overriding'. 5
(b) Explain about static keyword. 5
16. Explain about thread synchronization in Java.
17. Explain thread priorities with suitable example program.
18. Explain about statement interface with example program.

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