



C16-CM-402

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BOARD DIPLOMA EXAMINATION, (C-16)
SEPTEMBER/OCTOBER - 2020
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 the differences between class and structure.
2. Write a short note on type conversion in Java.
3. Define constructor. List various types of constructor.
4. Define Applet.
5. What is the use of interface in Java?
6. Write a short note on importing package in Java.
7. Why is multiple inheritance not supported in Java?
8. Define deadlock.
9. List different types of exceptions.
10. Write a brief note on DriverManager class.

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[Contd...

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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) Explain briefly Data Abstraction and Inheritance in OOP. 6
(b) Write a short note on class and object. 4
- 12.** List and explain various iterative statements in Java.
- 13.** (a) Explain the usage of 'this' pointer with example programs. 5
(b) Explain command line arguments. 5
- 14.** Explain different levels of access protection available in Java with respect to packages.
- 15.** Explain different types of inheritance with examples.
- 16.** Explain thread priority with suitable example.
- 17.** Explain multi-catch statement with example in Java.
- 18.** Explain the following with examples :
- (a) Prepared statement
(b) Callable statement

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