



C14-CM-501/C14-IT-501

4624

BOARD DIPLOMA EXAMINATION, (C-14)

OCT/NOV—2016

DCME—FIFTH SEMESTER EXAMINATION

JAVA PROGRAMMING

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. Why is Java important to Internet?
2. What are different types of comment symbol in Java?
3. What is the method overloading?
4. Write the syntax and example for 'FOR' loop.
5. How is multiple inheritance achieved in Java?
6. What is the concept of class path?
7. Write the difference between Class and Interface.
8. What is thread in Java?
9. What is built in exception?
10. What are I/P and O/P streams?

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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. What are various data types in Java? Explain them in detail.
12. Explain about any five string class methods.
13. What is the purpose of 'final' keyword? Write a Java program to illustrate its usage.
14. Describe various levels of access protection available in packages and their implications with an example program.
15. Explain about Interface with syntax and example program.
16. Explain about deadlock.
17. Explain about exception handling with an example program.
18. Describe the byte stream class.
