



C14-CM-602

4730

**BOARD DIPLOMA EXAMINATION, (C-14)**  
**MARCH/APRIL—2018**  
**DCME—SIXTH SEMESTER EXAMINATION**  
**ADVANCED JAVA PROGRAMMING**

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. Define AWT.
2. What is an event?
3. What is the difference between event source and event listener?
4. Mention various event sources that generate ActionEvent.
5. Define servlet.
6. How do you compile servlet?
7. What is JDBC?

- \* 8. What is the purpose of executeUpdate() and executeQuery() methods?
9. What is JSP?
10. List the attributes of page directive tag in JSP.

**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. Explain graphics class methods with examples. 10
12. Write about two event handling mechanisms in detail. 10
13. Write Java code for handling mouse events. 10
14. (a) Write about ActionListener interface. 5  
(b) Write JSP code read form data like username and password. 5
15. Explain the life cycle methods of servlet. 10
16. (a) Write about various interfaces in javax.servlet package. 5  
(b) Write servlet code to display 'hello world' message. 5
- \* 17. Explain how do you create different types of statements in JDBC. 10
18. Write about JSP directives and actions. 10

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