



C14-CM-602

4730

BOARD DIPLOMA EXAMINATION, (C-14)
MARCH/APRIL—2017
DCME—SIXTH SEMESTER EXAMINATION
ADVANCED 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. What are the differences between choice and list controls?

2. What are the different approaches of event handling in Java?

3. List the different sources of events.

4. List any three methods of window listener.

5. List the classes in javax.servlet package.

6. List the life-cycle methods of servlet.

7. Write a short note on JDBC Driver Manager.

8. Write a Java program to establish a connection to a database.

9. List the benefits of JSP.

10. List any three JSP implicit objects.

*

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. Write a Java program to create an applet that draws different shapes with different colors.
12. Explain the purpose of adapter class with the help of a Java program.
13. Write a Java program to create an applet that handles KeyEvent.
14. List and explain the methods of ServletConfig and ServletContext interfaces.
15. Explain how to read servlet parameters with an example of Java program.
16. List and explain the different navigation methods of ResultSet.
17. List and explain the different directives of JSP with examples.
18. (a) Write a Java program that illustrates the use of ActionListener interface.
(b) Write a JSP code that illustrates the use of jsp:forward action element.

*
