MAY 2022 **P/ID 17611/PCA3J**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. Define the term: Molecule bean.

2. What is a Java Bean?

3. Define the term: Stateless protocol.

4. What is web .xml deployment descriptor?

5. Write the syntax of expressions in JSP.

6. What are automic transactions?

7. Define scriptlets in JSP.

8. Differentiate between stubs and skeleton in RMI.

9. What is the use of Java remote method protocol?

10. What is meant by component interface in EJB?

11. Define hash variable in Perl.

12. Write down the syntax of until loop in Perl.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Discuss about bound properties of a bean.

14. Write and explain a simple servlet program.

15. Describe the protocols used in Java mail functions.

16. Develop a JSP program to check whether the given number is odd or even.

17. Write in detail about the method of handling error pages in JSP.

18. How to declare remote interface in RMI? Explain.

19. Explain server container provider in EJB.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions.

20. Explain step-by-step instructions for installing and using BDK.

21. Illustrate how to use JDBC in servlet with an example.

22. How to create a login JSP page using a Java bean? Discuss.

23. Discuss entity bean in EJB with an example.

24. Explain in detail about IIOP in RMI.

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