MAY 2023 **P/ID 16310/PIT3H**

Time : Three hours Maximum : 80 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions.

1. What are the advantages of server side programming?

2. State the usage of forward ( ).

3. How will you retrieve HTML form elements in servlet?

4. What is java Bean?

5. Define the need for introspection API.

6. List the advantages of EJB.

7. What are the types of EJB?

8. Expand RMIC.

9. State the importance of java naming and directory interface.

10. Mention the importance of rmi registry.

11. List the two types of JSP tag handlers.

12. State the use of getParent ( ) tag.

PART B — ($5 \times 6 = 30$ marks)

Answer any FIVE questions.

13. Discuss the functionality of Request Dispatcher interface in detail.

14. Elaborate anyone method of session tracking in servlet.

15. Explain the methods used to access the properties in Java Bean.

16. Elaborate the session bean types in detail.

17. Explain about RMI over inter -ORB protocol.

18. Write short notes on RMI clients

19. Write short notes on error page in JSP

PART C — (3 × 10 = 30 marks)

Answer any THREE questions.

20. Explain how database is connected to servlet program with an example.

21. List java beans development kit (BDK)components and explain any two in detail.

22. Discuss EJB architecture in detail with neat diagram.

23. Elaborate on rmi registry with an example.

24. Explain protocols used in java mail and their architecture.

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