K21U 4672

V Semester B.C.A. Degree CBCSS (OBE) Regular Examination, November 2021
(2019 Admn. Only)
Core Course
5B13BCA : ENTERPRISE JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 40

SECTION – A
(Very Short Answer)

Answer **all** the questions :

(6×1=6)

1. What is the use of JDBC-ODBC bridge driver ?

2. What is RMI ?

3. List some advantages of using servlets.

4. Which is used to generate RMI stub and skeleton classes ?

5. Mention any one function of inter-ORB protocol.

6. Why is IDL used ?

SECTION – B
(Short Answer)

Write short notes on **any six** of the following questions :

(6×2=12)

7. Explain briefly about activation groups in RMI and its functions.

8. Explain briefly about servlet life cycle.

9. What is request dispatching in the context of servlets ?

10. How can you create a Cookie ?

11. What is connection pooling and what is its advantage ?

12. Which are the large data types, explain.

13. What is SQL warning and its difference with SQL exceptions ?

14. How can a server process export some RMI-based service to its clients ?

P.T.O.

SECTION – C
(Essay)

Answer **any four** of the following questions :   (4×3=12)

15. Explain about POST and GET http requests and state the difference between them.

16. How is session tracking performed in servlets ?

17. What are the three types of statements used in JDBC, explain each briefly.

18. Explain about holder class in CORBA with an example.

19. Explain in detail about two classes provided by JDBC for dealing with metadata.

20. Discuss about a simple server class with an example.

SECTION – D
(Long Essay)

Write an essay on **any two** of the following questions :   (2×5=10)

21. Explain in detail about JDBC architecture with a neat diagram.

22. Discuss about the various RMI object services in detail.

23. Elaborate on the various program constructs in IDL (CORBA).

24. Explain about Http Servlets with the help of an example program.