



K20U 1603

Reg. No. :

Name :



V Semester B.C.A. Degree (CBCSS – Reg./Sup./Imp.)
Examination, November 2020
(2014 Admn. Onwards)
Core Course
5B15 BCA : ENTERPRISE JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 40

SECTION – A

1. **One word answer :** **(8×0.5=4)**
- a) _____ interface with all methods for contacting a database.
 - b) _____ class handles any errors that occur in a database application.
 - c) _____ provides the interface that client and server application objects use to interact with each other in RMI.
 - d) In RMI _____ automatically generates the stub and skeleton classes based on the remote interface and implementation classes provided.
 - e) Servlet's _____ method can clean up resources when the server shuts down.
 - f) _____ class that includes methods for handling HTTP specific data.
 - g) _____ is responsible for object activation/deactivation, mapping object ids to actual object implementations.
 - h) _____ is the protocol used in CORBA Architecture.

SECTION – B

Write short notes on **any seven** of the following questions : **(7×2=14)**

- 2. Short notes on JDBC Driver.
- 3. What is a connection ?

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4. Write the commands to create stub and skeleton.
5. Short note on Remote Object in RMI.
6. Write short note on POST request.
7. Explain methods available in Servlet Response.
8. What is ORB ?
9. What are the main features of CORBA ?
10. Short note on IDL.
11. What is a Holder class ?

SECTION – C

Answer **any four** of the following questions :

(4×3=12)

12. Explain Interfaces and classes provided by JDBC API.
13. Explain service() of Servlet.
14. Explain Servlet chaining in detail.
15. Explain the services provided by the standard CORBA.
16. What is Interface Language ?
17. Differentiate RMI and CORBA.

SECTION – D

Write an essay on **any two** of the following questions :

(2×5=10)

18. Explain JDBC Driver types in detail.
 19. Explain RMI Architecture.
 20. Explain the life cycle of Java Servlets.
 21. Short note on following :
 - a) Inter-ORB Protocol (IIOP).
 - b) CORBA facilities.
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