



K23U 2299

Reg. No. : .....

Name : .....

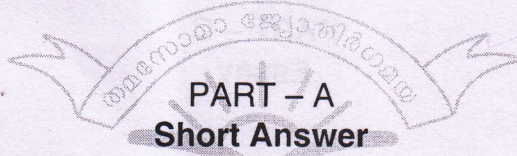


V Semester B.C.A. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/  
Improvement) Examination, November 2023  
(2019-2021 Admissions)

Core Course  
5B13BCA – ENTERPRISE JAVA PROGRAMMING

Time : 3 Hours

Max. Marks : 40

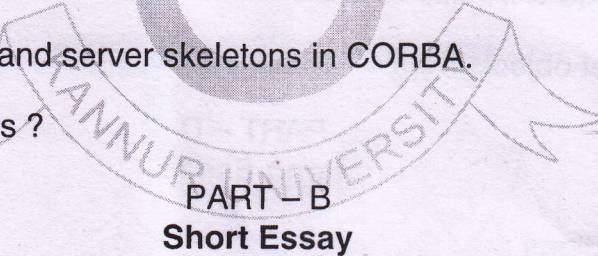


PART – A  
Short Answer

Answer all questions :

(6×1=6)

1. What is the use of java.sql.Date, java.sql.Time and java.sql.Timestamp classes ?
2. What is RMI ?
3. What is a servlet package ?
4. What is CORBA ?
5. Compare client stub and server skeletons in CORBA.
6. What is a holder-class ?



PART – B  
Short Essay

Answer any 6 questions :

(6×2=12)

7. Write a note on SQL exception.
8. Write a note on dynamically loaded classes.
9. What are the different steps to develop RMI application ?
10. Write common HTTP status codes in servlets.

P.T.O.

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11. Discuss custom servlet initialization in Java.
12. Distinguish between Java RMI and CORBA.
13. How was Inter-ORB communication possible ?
14. Explain with example IDL data members and methods.

**PART – C**  
**Essay**

Answer **any 4** questions :

**(4×3=12)**

15. Which are the different statements in JDBC ?
16. Explain JDBC architecture with the help of a diagram.
17. Explain the relationships among remote object, stub, and skeleton classes with the help of a diagram.
18. Explain servlets architecture with a neat diagram.
19. Describe how you will initialize the ORB.
20. How will you get objects from other remote objects ?

**PART – D**  
**Long Essay**

Answer **any 2** questions :

**(2×5=10)**

21. Explain JDBC drivers in detail.
  22. Discuss about RMI object services.
  23. Explain session tracking and cookies in servlets.
  24. Explain detail about interface definition language and object request broker.
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K22U 2251

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**V Semester B.C.A. Degree (CBCSS-OBE-Regular/Supplementary/  
Improvement) Examination, November 2022  
(2019 Admission Onwards)**

**Core Course**

**5B13BCA : ENTERPRISE JAVA PROGRAMMING**

Time : 3 Hours

Max. Marks : 40

**SECTION – A**

Answer **all** the questions :

**(6×1=6)**

1. What is meta data ?
2. What is SQL warning ?
3. What is RMI registry ?
4. Why are cookies created ?
5. What is holder class ?
6. What is client stub ?

**SECTION – B**

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

**(6×2=12)**

7. List JDBC data types.
8. Briefly explain the working of DGC.
9. What is servlet ? Explain its types.
10. Explain the methods to insert current, date and time in a database using JDBC.
11. What is marshalling and unmarshalling ?

P.T.O.



12. What is IDL Compiler ?
13. How is ORB initialized ?
14. What are initialization parameters in servlets ?

#### SECTION – C

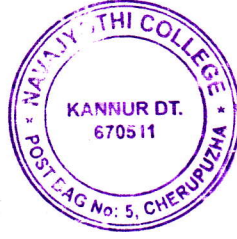
Answer **any four** of the following questions : (4×3=12)

15. What are the types of ResultSet in JDBC ?
16. What are ServletConfig and ServletContext ?
17. How are stubs and skeletons generated ? Explain.
18. How do inter-ORB communication works ?
19. Explain how to register with a naming service.
20. What are CORBA remote object references ?

#### SECTION – D

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

21. What is JDBC ? Explain the architecture of JDBC with the help of a diagram.
  22. Explain the life cycle of java servlets.
  23. What are RMI architecture layers ? Explain in detail.
  24. What is CORBA ? Explain its architecture.
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**K21U 4672**

Reg. No. : .....

Name : .....

**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)**

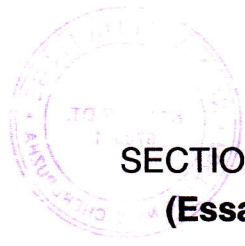
Write short notes on **any six** of the following questions :

**(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.

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**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.
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