

DECEMBER 2015

**P/ID 16109/KAJ/
PITH**

Time : Three hours

Maximum : 75 marks

PART A — (5 × 5 = 25 marks)

Answer ALL questions.

1. (a) What is JDBC Explain different types of JDBC drivers.

Or

- (b) What is servlet chaining? Illustrate with an example.

2. (a) Describe various tools in JavaBeans development Kit.

Or

- (b) What is the InfoBus? What are the advantages and disadvantages of Infbus?

3. (a) What are/is Enterprise JavaBeans? What are the properties of java beans?

Or

- (b) What is a stateless session bean? Explain with an example.

4. (a) Describe EJB bean life cycle with the help of diagram.

Or

- (b) What is EJB client? Explain the steps involved in creating EJB client.

5. (a) Write Perl program to convert Fahrenheit to Celsius and vice versa.

Or

- (b) Explain how to declare and use Perl scalar variables with suitable example.

PART B — (5 × 10 = 50 marks)

Answer any FIVE questions.

6. Create a JDBC application to Insert User Registration details such as Registration_No, Username, Password, Email into UserRegistration table. Also perform update and delete operations on specified rows.
7. Briefly explain software component assembly model.
8. Briefly differentiate between stateless and stateful session beans with illustration.

9. Describe the architecture of EJB with the help of a neat diagram.
10. List and discuss the steps involved in building an application using enterprise Java bean technology.
11. With suitable example, explain how EJB entity beans are accessed from EJB session beans.
12. Explain various control structures in Perl each with suitable example.
13. (a) Describe the types of built-in variable in Perl.
(b) Explain the binding and bit-wise operators in Perl.