

Exam Ticket Number:

Y 1 9 A I T 4 0 5

III/IV B.Tech (Regular / Supplemnetary) DEGREE EXAMINATION

January, 2022

Fifth Semester

Time: Three Hours

Information Technology

Enterprise Programming

Maximum: 50 Marks

Answer Question No.1 compulsorily.

(10X1 = 10 Marks)

Answer ONE question from each unit.

(4X10=40 Marks)

1. a) What a Java Servlet Does?
- b) Write syntax for insert query in SQL.
- c) List out different types of statement objects.
- d) Compare JSP and Java Servlet.
- e) Define Web Socket.
- f) Write any four JSP Implicit Objects.
- g) What are the services provided by EJB?
- h) List the key states in Life cycle of EJB.
- i) Deployment Descriptor.
- j) Compare Web and Enterprise application.

CO1 1M
CO1 1M
CO1 1M
CO2 1M
CO2 1M
CO2 1M
CO3 1M
CO3 1M
CO4 1M
CO4 1M

Unit -I

- a) Illustrate the Architecture of Java EE.
- b) Describe Servlet life cycle methods.

CO1 5M
CO1 5M

(OR)

- a) List and explain JDBC Connection Steps with an example.
- b) Discuss about the following
 - i) HttpServlet
 - ii) HttpSession

CO1 5M
CO1 5M

Unit -II

- a) List out @Page Directive attributes and explain in detailed.
- b) Describe the life cycle process of JSP with neat diagram.

CO2 5M
CO2 5M

(OR)

- a) Discuss about JSF core tags.
- b) Explain the Java Web Socket life cycle process with neat diagram.

CO2 5M
CO2 5M

Unit -III

- a) Describe different flavours of Enterprise Beans.
- b) Discuss about life cycle process of EJB.

CO3 5M
CO3 5M

(OR)

- a) What are the services provided by Enterprise Bean explain in detail?
- b) Discuss about the following.
 - i) EJBContext Methods
 - ii) SessionContext Methods

CO3 5M
CO3 5M

Unit -IV

- a) Write a WSDL File representation for a Credit card Validation Service.
- b) Discuss about SOAP Web Services Specifications.

CO4 5M
CO4 5M

(OR)

- a) Describe SOAP life Cycle with neat diagram.
- b) Explain how can you create SOAP Web Service with an example.

CO4 5M
CO4 5M