



**PAP-003-003501**

Seat No. \_\_\_\_\_

**B. C. A. (Sem. V) (NON CBCS) Examination**

**October / November - 2018**

**CS - 25 : Advanced Java Programming**

*(Old Course)*

**Faculty Code : 003**

**Subject Code : 003501**

Time : 3 Hours]

[Total Marks : 100

**1 Answer the following : (any four) 20**

- (1) Explain J2EE enterprise architecture styles.
- (2) Explain Servlet Interface.
- (3) Explain Stubs and Skeleton.
- (4) Explain Servlet Life Cycle.
- (5) Explain JDBC APIs for database connectivity.

**2 Answer the following : (any four) 20**

- (1) Explain database Meta data and result set meta data.
- (2) Explain J2EE APIs.
- (3) Explain any three Http servlet class.
- (4) Explain RMI architecture.
- (5) Explain GetAttribute(), getParameters(), GetCookies.

- 3** Answer the following : (any **four**) **20**
- (1) Explain addCookies(), encodeURL(), setStatus().
  - (2) Explain <jps : param>, <jsp : include>, <jsp : forward>, <jsp : plugin>
  - (3) Explain scope of JSP variable.
  - (4) Explain Session API.
  - (5) Explain any three servlet context interface.
- 4** Answer the following (any **four**) **20**
- (1) Explain JSP Life Cycle.
  - (2) Explain any three Http session interface.
  - (3) Write a program to demonstrate passing and retrieving values of parameter to a servlet.
  - (4) Explain Servlet Collabration.
  - (5) Explain Including and forwarding from JSP pages.
- 5** Answer the following : (any **four**) **20**
- (1) Explain EL Implicit Object.
  - (2) Explain Handling Errors and Exception.
  - (3) Explain EL Operators.
  - (4) Explain core tag and cml tag.
  - (5) Write a program on RMI and JDBC using stored procedure.