



MAJ-003-003501

Seat No. _____

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

October / November – 2016

CS-25 : Advanced Java Programming
(Old Course)

Faculty Code : 003

Subject Code : 003501

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

1 Answer the following : 20

- (1) EJB (Enterprise Java Bean) is used to develop _____ type of applications in java.
- (2) In EJB, middleware services are provided by EJB Container automatically?
- (3) The getSession() method with 'true' as its parameter [getSession(true)] it will return the appropriate session object when _____.
- (4) Full form of JDBC is _____.
- (5) Full form of JSP is _____.
- (6) Full form of JSTL is _____.
- (7) List out scope of JSP variable.
- (8) List out JSP Scripting Elements.
- (9) List out The Http Servlet class.
- (10) List out J2EE APIs.
- (11) Full form of RMI is _____.
- (12) What is Stubs and Skeleton?
- (13) What is Database Meta Data?
- (14) Use of JSP Expression Language.
- (15) Write a use of Fmt tags.
- (16) What is session tracking approach?
- (17) _____ is a Directive Elements.
- (18) What is container?
- (19) Explain Connection Statement.
- (20) Explain Result Set Meta Data.

- 2** (a) Answer any **three** : **6**
- (1) Explain stubs and skeletons class.
 - (2) Explain deployment descriptor. (web.xml).
 - (3) Explain jspService.
 - (4) Explain doGet() and doPost() method.
 - (5) Explain createState()
 - (6) Explain edition of java.
- (b) Answer any **three** : **9**
- (1) Explain page directive.
 - (2) Explain j2ee API.
 - (3) Explain servletresponse interface.
 - (4) Explain multi-tier architecture.
 - (5) Explain session with example.
 - (6) Explain database metadata.
- (c) Answer any **two** : **10**
- (1) Explain Three-Tier Architecture with example.
 - (2) Explain JDBC API for database connectivity.
 - (3) Explain The ServletException class with example.
 - (4) Explain Cookies and Session API.
 - (5) Explain The HttpSession interface with example.
- 3** (a) Answer any **three** : **6**
- (1) Explain types of containers.
 - (2) What is RMI?
 - (3) What is URL rewriting?
 - (4) What is ResultSet?
 - (5) What do you mean by ServletContext?
 - (6) Explain executeQuery() method.

(b) Answer any **three** : **9**

- (1) Explain Hidden from field.
- (2) Explain implicit object of jsp.
- (3) Explain HttpServlet Interface in detail.
- (4) Explain 3 tire Architecture in Detail.
- (5) Explain <jsp:forward> with example.
- (6) Explain Scripting Element.

(c) Answer any **two** : **10**

- (1) Explain J2EE APIs with example.
 - (2) What is RMI? Explain RMI Architecture.
 - (3) Explain Database MetaData in JDBC.
 - (4) Explain the term :
getAttribute(), getParameter(), getRemoteHost()
 - (5) Explain Implicit Objects with example.
-