



RO-003-004502

Seat No. _____

B. Sc. (I.T.) (Sem. V) (CBCS) Examination

February - 2019

CS - 26 : Advance Java Programming (J2EE)

(New Course)

Faculty Code : 003

Subject Code : 004502

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

[Total Marks : 70

Instruction : All questions are compulsory to attend as per given instructions.

- 1 Attempt the following : 20
- (1) What is Result set?
 - (2) What is Database Meta Data?
 - (3) Explain service().
 - (4) Explain servlet interface.
 - (5) What is callable statement?
 - (6) What is EJB?
 - (7) How to set TIMEOUT period in HttpSession?
 - (8) Explain getQuesry String().
 - (9) Explain setContentType().
 - (10) What is web.xml file?
 - (11) Explain URL rewriting.
 - (12) Explain setMaxInactiveinterval().
 - (13) Explain <jsp:plugin>
 - (14) Explain getInitParameterNames().
 - (15) Explain Deployment Descriptor.
 - (16) Explain getCreationTime() of cookies.
 - (17) Explain. Comment.
 - (18) Explain out object.
 - (19) Give any 5 data types of JDBC.
 - (20) Explain Scriptlet.

- 2** (A) Attempt any **Three** : **6**
- (1) Explain doTrace(), doPost() and doGet() method.
 - (2) Write a note on tomcat web container.
 - (3) Explain Cookie.
 - (4) Explain Stub and Skeleton.
 - (5) Write a short note on jsp v/s servlet.
 - (6) Explain single thread model interface.
- (B) Attempt any **Three** : **9**
- (1) Explain Page Directive and Include Directive of JSP.
 - (2) Explain. JDBC API.
 - (3) Explain Container.
 - (4) Write a note on ResultSetMeta Data.
 - (5) List out Types of Statement. Explain PreparedStatement with example.
 - (6) Explain Types Of JDBC Driver.
- (C) Attempt any **Two** : **10**
- (1) Explain RMI Architecture.
 - (2) Explain ServletCollaboration.
 - (3) Explain servlet Lifecycle with Example and features.
 - (4) Explain Session tracking Approach.
 - (5) Explain JSP life cycle.
- 3** (A) Attempt any **Three** : **6**
- (1) Write a note on J2EE APIs.
 - (2) Explain Scripting Elements of JSP.
 - (3) List various Action Elements of JSP and explain any one in brief.
 - (4) Explain scope of JSP variables.
 - (5) Explain two-tier and three-tier architecture.
 - (6) Explain RMI.

(B) Attempt any **Three** : **9**

- (1) Explain include and forward action of JSP pages.
- (2) List all implicit objects of JSP and explain any two in brief.
- (3) Write a short note on EL operators.
- (4) Explain Servlet Exception Class.
- (5) Write a note on ServletContext Interface.
- (6) Explain N-tier Architecture.

(C) Attempt any **Two** : **10**

- (1) Write a program to perform life cycle of servlet interface.
- (2) Explain methods of http servlet request interface.
- (3) Explain error handling in JSP with -example.
- (4) Write a note on Session in servlet. .
- (5) Write a program to perform passing and retrieving values of parameter to a servlet.
