



**JW-003-004502**

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

**B. Sc. (Information Technology) (CBCS) (Sem. V)  
Examination**

**October - 2019**

**CS - 26 : Advanced Java Programming  
(Old Course)**

**Faculty Code : 003**

**Subject Code : 004502**

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

[Total Marks : 70

1 Attempt the following questions : 20

- (1) In JSP, how can you know what HTTP method (GET or POST) is used by client request ?
- (2) RMI stands for \_\_\_\_\_
- (3) \_\_\_\_\_ method is used to indentify a Remote Object.
- (4) Which method is used to call stored procedure from the database ?
- (5) JDBC Type -1 driver is also known as \_\_\_\_\_ driver.
- (6) To create object of Statement interface which method is used?
- (7) Which method is used to load the driver?
- (8) List the name of packages which are used for RMI programming.
- (9) How we can send data in get method?
- (10) To set the content type which method is used?
- (11) To add cookie in response which class is used?
- (12) List method of ServletConfig interface.
- (13) \_\_\_\_\_ is used to specify attributes for the whole JSP page.
- (14) To add Java code in JSP page which tag is used?

- (15) \_\_\_\_\_ is used before creating printWriter object ?
- (16) Which scope is the most restrictive scope in JSP ?
- (17) Write signature of getConnection () method.
- (18) List the API which is used for creating Dynamic web page.
- (19) Full form of MIME is \_\_\_\_\_
- (20) Which method is used to select the records from the table?

- 2 (A) Attempt any three : 6**
- (1) Give difference between JDBC and ODBC.
  - (2) Explain two tier architecture.
  - (3) Explain J2EE API.
  - (4) Explain <jsp : param> tag of JSP.
  - (5) List Navigation methods of ResultSet interface.
  - (6) Explain Container.
- (B) Attempt any three : 9**
- (1) Explain bind(), rebind() and lookup() method.
  - (2) Explain preparedStatement() method.
  - (3) Explain Servlet Life Cycle.
  - (4) Describe page directive in JSP.
  - (5) Describe life cycle of JSP.
  - (6) Describe any three methods of ServletResponse interface.
- (C) Attempt any two : 10**
- (1) Explain N-Tier Architecture of J2EE.
  - (2) Explain Cookie with servlet API. Describe errors and exceptions handling in JSP.
  - (3) Write login.html file which accepts username and password. Call Servlet file to print Welcome message with name of the user when user submits login.html file.
  - (4) Explain RMI Architecture.

- 3** (A) Attempt any **three** : **6**
- (1) Give the difference between web server and application server.
  - (2) Explain J2EE container.
  - (3) Explain stub and skeleton.
  - (4) Explain forName() method.
  - (5) What is scriptlet?
  - (6) Explain <jsp: plugin> tag.
- (B) Attempt any **three** : **9**
- (1) Explain Hidden form filed with example.
  - (2) Explain Servlet Exception.
  - (3) Explain any two JSP implicit objects with example
  - (4) Explain the term : HTTP, Deployment Descriptor, Content Type
  - (5) Explain Data baseMetaData interface.
  - (6) List step for JDBC connectivity.
- (C) Attempt any **two** : **10**
- (1) Explain different types of JDBC drivers.
  - (2) Write a JDBC program to accept a Roll number from user and delete information of that student from database.
  - (3) Describe RequestDispatcher interface with its methods.
  - (4) Explain JSP Architecture.
  - (5) Write JDBC program to insert records into Employee table having fields Eno,Ename and salary.(Using PreparedStatement interface)
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