



FA-003-2045002

Seat No. _____

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

October - 2022

Advanced Java Programming : CS-26

Faculty Code : 003

Subject Code : 2045002

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

[Total Marks : 70

- 1 (a) Objective type questions : 4
- (1) JDBC Type-1 driver is also known as _____ driver.
 - (2) RMI is stands for _____.
 - (3) What is callable statement ?
 - (4) Which method is used to load the driver ?
- (b) Answer any one out of two : 2
- (1) Explain Stub and Skeleton.
 - (2) Write note on J2ee APIs.
- (c) Attempt any one out of two : 3
- (1) Give difference between JDBC and ODBC.
 - (2) Difference between callableStatement v/s PreparedStatement Interface.
- (d) Attempt any one out of two : 5
- (1) Describe Connection Class with example.
 - (2) Describe Result set.
- 2 (a) Objective type questions : 4
- (1) What is a servlet ?
 - (2) Full form of HTTP is _____.
 - (3) Full form of MIME is _____.
 - (4) A piece of data is assigned by server and stored at client is known as _____.
- (b) Attempt any one out of two : 2
- (1) Explain Servlet Exception.
 - (2) Write methods with syntax of GenericServlet.

- (c) Attempt any one out of two : 3
- (1) Describe any three method of ServletResponse Interface.
 - (2) What is the difference between GET and POST method ?
- (d) Attempt any one out of two : 5
- (1) Write program and create servlet file for user login.
 - (2) Write login.html file which accept username and password. Call Servlet file to print welcome message with name of the user when user submit login.html file.
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- 3 (a) Objective type questions : 4
- (1) What is RequestDispatcher ?
 - (2) How to set Session Timeouts ?
 - (3) List methods of Interface ServletRequest Listener.
 - (4) Which method is user for remove session attributes.
- (b) Attempt any one out of two : 2
- (1) What is URL Rewriting ?
 - (2) Explain Session Integrity.
- (c) Attempt any one out of two : 3
- (1) What is SSI Sessions ?
 - (2) Write uses of HttpSessionAttributeListner Interface.
- (d) Attempt any one out of two : 5
- (1) Difference between Filter and Listener in Servlet.
 - (2) Explain Interface ServletRequestAttributeListener with example.
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- 4 (a) Objective type questions : 4
- (1) To add Java code in JSP page which tag is used ?
 - (2) Full form of JSPE.
 - (3) Explain <jsp:include>
 - (4) Which scope is the most restrictive scope in JSP ?
- (b) Attempt any one out of two : 2
- (1) Explain <jsp:param>
 - (2) Explain JSP Implicit Objects.

- (c) Attempt any one out of two : 3
- (1) Describe life cycle of JSP.
 - (2) Explain Cookie class methods.
- (d) Attempt any one out of two : 5
- (1) Create a jsp and html file and do the connectivity with the MySQL and insert record in student table.
 - (2) Explain error handling using page directive with an example.
- 5 (a) Objective type questions : 4
- (1) List of JSTL Tags.
 - (2) Write use of <c:if>tag
 - (3) Write use of <c:set> tag
 - (4) Write use of <c:out> tag
- (b) Attempt any one out of two : 2
- (1) Explain Implicit Objects in JSP – Expression Language.
 - (2) Explain RequestDispatcher in detail.
- (c) Attempt any one out of two : 3
- (1) Write use of <c:forEach> tag with example.
 - (2) MVC Architecture for web application.
- (d) Attempt any one out of two : 5
- (1) Explain Basic Operators in JSP – Expression Language
 - (2) Explain data sharing between jsp and servlet with example.
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