

B.Sc.(IT) Semester - 5 (CBCS) Examination**Oct/Nov. - 2023(Old Course)****CS-26 ADVANCED JAVA PROGRAMMING (CORE)****Time: 2:30 Hours****Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

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- Que-1(A) Answer the following questions. (04)
1. RMI stands for _____
 2. JDBC stands for _____
 3. API stands for _____
 4. A stub is a representation proxy of the remote object at client (TRUE/FALSE).
- Que-1(B) Answer the following questions. (any one) (02)
1. What is RMI?
 2. What is database driver?
- Que-1(C) Answer the following question. (any one) (03)
1. What is Stub?
 2. What is skeleton?
- Que-1(D) Answer the following questions. (any one) (05)
1. Explain RMI architecture.
 2. Explain types of JDBC drivers.
- Que-2(A) Answer the following questions. (04)
1. HTTP stands for _____
 2. init(ServletConfig c) method calls only once by web container. (true/false)
 3. Servlet is faster than JSP (TRUE/FALSE).
 4. CGI stands for _____
- Que-2(B) Answer the following questions. (any two) (02)
1. How to use cookies in servlet.
 2. How to use session in servlet.
- Que-2(C) Answer the following questions. (any one) (03)
1. Explain HttpServletRequest .
 2. Explain HttpServletResponse.
- Que-2(D) Answer the following questions. (any one) (05)
1. Explain servlet architecture.
 2. Explain servlet life cycle.
- Que-3(A) Answer the following questions. (04)
1. The HttpSessionEvent is notified when session object is changed. (true/false)
 2. The java. awt. event package can be used to provide various event classes. (true/false)
 3. Servlet events are divided into two categories: high-level and low-level. (true/false)
 4. javax.servlet.http package is a common way to make an occasion class. (true/false)
- Que-3(B) Answer the following questions. (any two) (02)
1. What is the need of Servlet Listener?
 2. How to configure Servlet Listener?

- Que-3(C) Answer the following questions. (any two) (03)
1. Explain HttpSessionListener.
 2. Explain ServletRequestListener.
- Que-3(D) Answer the following questions. (any one) (05)
1. Explain Using Filters for pre and post processing.
 2. Explain HttpSessionAttributeListener interface.
- Que-4(A) Answer the following questions. (04)
1. JSP stands for_____
 2. <%-- comment --%> A JSP comment. Ignored by the JSP engine. (TRUE/FALSE)
 3. <!-- comment --> An HTML comment. Ignored by the browser. (TRUE/FALSE)
 4. <% %> use for JSP scriptlets. (TRUE/FALSE)
- Que-4(B) Answer the following questions. (any two) (02)
1. What is template text in JSP?
 2. Explain JSP Expression with example.
- Que-4(C) Answer the following questions. (any two) (03)
1. Explain custom tags.
 2. Explain JSP directives.
- Que-4(D) Answer the following questions. (any one) (05)
1. Explain JSP life cycle.
 2. Explain JSP action tags.
- Que-5(A) Answer the following questions. (04)
1. MVC Stands for_____
 2. JSTL stands for_____
 3. EL stands for_____
 4. The most common operators in JSP EL are . and []. (TRUE/FALSE)
- Que-5(B) Answer the following questions. (any two) (02)
1. What is JSP expression language?
 2. Explain <c:forEach>, <c:forEachTokens> Tag
- Que-5(C) Answer the following questions. (any two) (03)
1. Explain <c:import>, <c:remove> and <c:set> tag
 2. What are the implicit EL objects in JSP?
- Que-5(D) Answer the following questions. (any one) (05)
1. Explain MVC architecture.
 2. Explain Data Sharing Between Servlets and JSP with example.
