

B.Sc.(IT) Semester - 5 (CBCS) Examination**Oct/Nov. - 2022(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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- Q:1[A] ANSWER THE FOLLOWING QUESTIONS [4]
[1]. RMI stands for
[2]. JDBC stands for
[3]. API stands for
[4]. The client fetches the object from the registry using lookup() method.(True/False)
- Q:1[B] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [2]
[1]. What is Stub?
[2]. What is Skeleton?
- Q:1[C] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [3]
[1]. Explain Statement Interface.
[2]. Explain PreparedStatement Interface.
- Q:1[D] ANSWER THE FOLLOWING QUESTIONS (ANYONE) [5]
[1]. Explain JDBC database drivers.
[2]. Explain JDBC architecture.
- Q:2[A] ANSWER THE FOLLOWING QUESTIONS [4]
[1]. The servlet is initialized by calling the init() method. (true/false)
[2]. The servlet calls service() method to process a client's request. (true/false)
[3]. The servlet is terminated by calling the destroy() method.(true/false)
[4]. servlet is garbage collected by the garbage collector of the JVM. .(true/false)
- Q:2[B] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [2]
[1]. What is http response header?
[2]. How to read cookies from servlet?
- Q:2[C] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [3]
[1]. Explain Basic Servlet structure.
[2]. What is http header request?
- Q:2[D] ANSWER THE FOLLOWING QUESTIONS (ANYONE) [5]
[1]. Explain servlet life cycle.
[2]. Explain Servlet architecture.
- Q:3[A] ANSWER THE FOLLOWING QUESTIONS [4]
[1]. The HttpSessionEvent is notified when session object is changed.(true/false)
[2]. Changing the state of an object is known as an event. (true/ false)
[3]. Event classes and Listener interfaces in the javax.servlet package(true/ false)
[4]. Event classes and Listener interfaces in the javax.servlet.http (true/false)
- Q:3[B] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [2]
[1]. What are listeners in servlet?
[2]. What are filters in servlets?
- Q:3[C] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [3]
[1]. Explain ServletContextAttributeListener.
[2]. Explain ServletRequestAttributeListener.
- Q:3[D] ANSWER THE FOLLOWING QUESTIONS (ANYONE) [5]
[3]. Explain ServletContextListener with example.
[4]. Explain HttpSessionListener with example.

- Q:4[A] ANSWER THE FOLLOWING QUESTIONS [4]
- [1]. JSP stands for.
 - [2]. void _jspService(HttpServletRequest request, HttpServletResponse response) throws ServletException, IOException (true/false).
 - [3]. Setting isThreadSafe false can lead to poor performance (true / false)
 - [4]. config is instance of javax.servlet.ServletConfig class.(true/false)
- Q:4[B] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [2]
- [1]. Explain directive elements of JSP.
 - [2]. Explain <jsp:usebean> element.
- Q:4[C] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [3]
- [1]. Explain working with session in JSP.
 - [2]. Explain JSP actions.
- Q:4[D] ANSWER THE FOLLOWING QUESTIONS (ANYONE) [5]
- [1]. Explain JSP life cycle.
 - [2]. Explain JSP architecture.
- Q:5[A] ANSWER THE FOLLOWING QUESTIONS [4]
- [1]. MVC stands for_____
 - [2]. import javax.servlet.RequestDispatcher for request dispatching in servlet. (true/false).
 - [3]. It is handling all servlet exception javax.servlet.ServletException (true or false).
 - [4]. EL stands for Expression Language. (true/false).
- Q:5[B] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [2]
- [1]. What is the main purpose of using EL ?
 - [2]. Explain Implicit objects in EL.
- Q:5[B] ANSWER THE FOLLOWING QUESTIONS(ANY ONE) [3]
- [1]. What is JSTL?
 - [2]. Explain types of JSTL tags.
- Q:5[D] ANSWER THE FOLLOWING QUESTIONS (ANYONE) [5]
- [1]. Explain request dispatcher in servlet.
 - [2]. Explain data sharing between servlet and JSP
