



**2021/TDC/CBCS/ODD/
CSCHCC-502T/091**

**TDC (CBCS) Odd Semester Exam., 2021
held in March, 2022**

**COMPUTER SCIENCE
(5th Semester)**

Course No. : CSCHCC-502T

(Internet Technology)

Full Marks : 50

Pass Marks : 20

Time : 3 hours

*The figures in the margin indicate full marks
for the questions*

SECTION—A

Answer any ten questions :

2×10=20

1. Write a statement that declares a string array initialized with the following strings :
“Sunday”, “Monday”, “Tuesday”,
“Wednesday”, “Thursday”, “Friday” and
“Saturday”
2. How does an object differ from an instance?



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3. Differentiate between an array and an ArrayList in Java.
4. Explain briefly data types in JavaScript.
5. Explain event handling in JavaScript.
6. What are three dots in JavaScript?
7. What are the types of ResultSet in JDBC? What is the use of ResultSet in JDBC?
8. List out the features of JDBC.
9. What are the statements in JDBC?
10. Explain the role of JSP in MVC model.
11. List different types of JSP script with examples.
12. What are implicit objects in JSP? Explain its use.
13. Why is JAR file required for JavaBean? Write the steps to create a JAR file.
14. What is introspection in JavaBean? List the ways of bean introspection.
15. What are bean classes in Java?

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(Continued)

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SECTION—B

Answer any *five* questions :

6×5=30

16. Explain the features of ArrayList in Java.
17. Differentiate between a class and an object. Write a program to illustrate class and object in Java.
18. What is an event? Write a JavaScript program to find factorial of a number.
19. What are the loops in JavaScript? Explain with example.
20. How to process SQL statements with JDBC? Explain with example.
21. Explain the steps involved in establishing a JDBC connection.
22. What is JSP? What are the life cycle methods for a JSP? Give the syntax for JSP comments.
23. What are scriptlets in JSP? Explain how JSP requests are handled.

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(Turn Over)



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24. Explain JavaBean. What are the advantages of JavaBeans?
25. Differentiate between JavaBean and Enterprise JavaBean. What is bean persistence property?
