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B.Sc./5th Sem (H)/Comp/22(CBCS) 2022

5th Semester Examination COMPUTER SCIENCE (Honours)

Paper: C11-T (Advanced JAVA)

[CBCS]

Full Marks: 40

Time: Two Hours

The figures in the margin indicate full marks. Candidates are required to give their answers in their own words as far as practicable.

1. Answer any five questions:

 $2 \times 5 = 10$

- (a) What is Document Object Model (DOM)?
- (b) What is Expression Language (EL) in JSP?
- (c) What is session tracking?
- (d) What is JSTL?
- (e) How to create an array in Java Script?
- (f) What are cookies?
- (g) Define anonymous function in Java Script with a suitable example.
- (h) How to use Comment in JSP?

P.T.O.

2. Answer any four questions:

 $5 \times 4 = 20$

- (a) What are the different types of pop-up boxes available in Java Script?
- (b) What are the JSP implicit objects?
- (c) Explain different phases of life cycle of a Servlet with the help of a diagram.
- (d) Differentiate between GET and POST methods in JSP.
- (e) What are Dynamic Web pages? Explain how Java Script can be used to create dynamic web pages.
- (f) What are the major attributes of page directive?

3. Answer any one question:

 $10 \times 1 = 10$

- (a) What is JDBC? What are the steps to connect to the database in java? 2+8
- (b) Explain the various action tags used in JSP. Explain the steps of JSP page processing with the help of a diagram. 5+5

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