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WEST BENGAL STATE UNIVERSITY  
B.Sc. Honours 5th Semester Examination, 2024-25

CMSACOR11T-COMPUTER SCIENCE (CC11)

Time Allotted: 2 Hours

Full Marks: 40

*The figures in the margin indicate full marks.  
Candidates should answer in their own words and adhere to the word limit as practicable.  
All symbols are of usual significance.*

GROUP-A

1. Answer any **four** questions from the following:

2×4 = 8

- ✓(a) What is HTML? Explain any four tags with example.
- ✓(b) What is scripting language?
- (c) What is CSS? Explain different types of CSS.
- (d) State the purpose of two method of Object class.
- ✓(e) Difference between Static and Dynamic webpage.
- ✓(f) What is the use of ArrayList class?
- (g) What is the use of window object and document object in JavaScript?

GROUP-B

Answer any **four** questions from the following

8×4 = 32

- 2. (a) Explain the types of cookies. 3
- (b) Write the steps to create an application using Angular JavaScript. 2
- (c) Explain query processing. 3
- 3. ✓(a) Differentiate client and server side scripting. 4
- ✓(b) Explain the advantages of client-side validation over server-side validation. 4
- 4. ✓(a) What is the meaning of BOM? 2
- ✓(b) What is the use of regular expression in JavaScript? Give an example. 2
- ✓(c) How to create a return type function in JavaScript? 2
- ✓(d) How many data types are in JavaScript? How it is declared? 2

5. (a) Explain about JDBC Architecture.  
(b) Describe different JDBC components.  
(c) What is purpose of ODBC?
6. (a) What is JavaBean? State the Rules and Regulations of JavaBean.  
(b) What are the main characteristics of JavaBean in comparison to other Java classes?  
(c) Explain the use of `<jsp:forward>` with suitable example.
7. (a) Differentiate between Servlet and JSP.  
(b) Describe MVC architecture with an example.

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