



'समानो मन्त्रः समितिः समानी'

UNIVERSITY OF NORTH BENGAL
BCA Honours 5th Semester Examination, 2023

CC11-BACHELOR OF COMPUTER APPLICATION (51)
INTERNET TECHNOLOGIES

Time Allotted: 2 Hours

Full Marks: 40

The figures in the margin indicate full marks.

GROUP-A

1. Answer any **five** questions: 1×5 = 5
- (a) How is Servlet different from an Applet?
 - (b) What is Session?
 - (c) What do you understand by Cookies?
 - (d) How to use a hidden field in JavaScript?
 - (e) What is EJB?
 - (f) Specify any four JSP implicit objects.
 - (g) What is the function of XML?
 - (h) Differentiate between XSL and CSS?

GROUP-B

2. Answer any **three** questions: 5×3 = 15
- (a) Write the advantage of JDBC API.
 - (b) Differentiate between GET and POST methods with example.
 - (c) Explain the different attributes of table tag in HTML with example.
 - (d) Enumerate the differences between Java and JavaScript.
 - (e) Briefly discuss about MVC architecture.

GROUP-C

3. Answer any **two** questions: 10×2 = 20
- (a) Discuss about the loops available in JavaScript. What are JavaScript Data Types? Explain with examples.
 - (b) What is an error and exception? How to handle error in JSP page? Explain with example.
 - (c) What is a user-defined function? Write different types of user-defined functions and write PHP code to explain any one function.
 - (d) Create event driven program to read n numbers. Count the number of negative numbers, positive numbers and zeros in the list.

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