



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

BCA Honours 5th Semester Examination, 2022

CC11-BACHELOR OF COMPUTER APPLICATION (51L) (PRACTICAL)

INTERNET TECHNOLOGIES

Time Allotted: 2 Hours

Full Marks: 20

*All questions are of equal marks.
The figures in the margin indicate full marks.*

Lab : 15

Viva : 05

Total : 20

Answer any *one* question on lottery basis

1. Write a program using JavaScript to design a calculator.
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2. Design a student registration webpage using JavaScript and store the records in database.
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3. Design an alumni registration webpage using JavaScript and store the records in database.
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4. Write an HTML page including any required JavaScript that takes a number from text field in the range of 0 to 999 and shows it in words. It should not accept four and above digits, alphabets and special characters.
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5. Write a script that calculates the square and cube of numbers from 5 to 15 using alert dialog.
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6. Write a script that inputs a telephone number as a string in the form (044) 555-5555. The script should use string method split to extract the area code as a token and the last four digits of the phone number as a token. Display the area code in one text field and the seven-digit phone number in another text field.
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7. Create a webpage with two collections of six radio buttons, labeled Red, Green, Blue, Yellow, Magenta and Cyan. The first collection must be labeled Foreground; the second must be labeled Background. These buttons must be implemented to control the foreground and background colors of the display, so that the foreground color can be seen.
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8. Create a JSP and JDBC MCQ based online-examination system.
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9. Write a JavaScript that use a simple function to search any particular word in a string.
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10. Write a JavaScript to compute your age as on current date when you enter the year of birth. Enter the year in a text box and display the age on the webpage when the button “compute” is clicked.
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