

National University
B.Sc. (Hons.) in CSE, Part-IV, 8th Semester Examination, 2020
CSE-422 (Web Engineering Practical)
Time- 3 Hours Full Marks- 60

Students must answer one question from each section below.

Section A: HTML (Answer any one question.)

15x1=15

1. Design a simple webpage using only HTML tags for Computer Science and Engineering Department of your institute or college where <head>, <title>, <body> and divisional tags like <div>, , <table> should be used as needed. (Using HTML5 is recommended).
2. Using text links design a simple website to navigate between different pages (minimum two pages and one page must contain an image link and another page contain 3x4 table).

Section B: CSS (Answer any one question.)

15x1=15

3. Design a simple website using CSS containing formatted text, forms, tables and link styles (must use three ways of inserting CSS external, internal and inline style).
4. Using CSS menu, design a website to navigate between different pages. (Minimum three pages and each page must contain heading, paragraph, text formatting tags and mouseover links to back homepage).

Section C: PHP, MySQL (Answer any one question.)

15x1=15

5. Design a form that contains "Text Fields", "Text Area", "Check boxes", "Multiple Check boxes", "Radio Buttons", "List Boxes", "Password Fields", "Submit button", "Reset Buttons" and store the value of this form into MySQL database and show the stored information into another page using PHP program.
6. Design a webpage that collects student information and subject marks and stores the information and marks to MySQL database. Show the results in grading (GPA) system to another page using PHP program.

Section D: Java Scripts (Answer any one question.)

15x1=15

7. Design a page where user can input his/her personal information like name, address, email, gender, mobile number, etc. and perform common input validation using JavaScripts like valid email, mobile number should be 11 digits, mandatory field check etc.
8. Design a webpage containing JavaScripts function that performs various actions like change text, change color, remove tag, insert new tag by different events like mouse click, mouse over etc.

