# PART A: HTML

1. Design a web page to Show your College and its departments details using basic text formatting tags(at least 4)
2. Design a web page to show image as link (*include two different links*)
3. Create a webpage to show photo album (*minimum 4 photos*)
4. Divide a webpage into 3 parts using frames and include a background image, table and hyper link in the parts
5. Design a web page to show the product details of a computer, printer and scanner with images
6. Create a webpage for student registration form(*include address, gender(radio button),qualification(select box),languages known(checkbox)*)
7. Crete a web page to show details (Fee, Duration etc.,) of courses offered by your college using hyperlink(give links to navigate to next, previous and home pages)
8. Create a webpage to show university infrastructure using table tag
9. Show the following table in a webpage

| Train Name | Source | Destination | Time | |
|---|---|---|---|---|
| | | | Arrival | Departure |
| | | | | |
| | | | | |

10. Display drinks menu (Hot Drinks and Cool drinks) in restaurant using definition list.
11. Display web page to show tri color flag using div tag (*use primary colors*)
12. Design a webpage to display syllabus of your course using list tag.(use ordered, unordered format as main, sub main and sub- sub main and use numbers special types of bullets in appropriate places)
13. Create web page to show page link, file link, and external link
14. Design a html page to show the use of i frame
15. Design a webpage using internal style sheet for setting styles to heading, body and table
16. Design a webpage to show the use of external style sheet

# Part B: C Programming

Write programs to do the following:

1. Solution of a quadratic equation
2. Sum of the digits and reverse of a number
3. $N^{th}$ Fibonacci number
4. Count of positives , negatives and zeros in a set of n numbers
5. Evaluate $1+x+x^2/2! +x^3/3! +…………+x^n/n!$
6. Display pyramid using *
7. Armstrong numbers in a range
8. Design a Scientific Calculator and include any 8 functions
9. Display the pattern with a  number eg:- N=39174      3 9 1 7 4
                    9 1 7 4
                    1 7 4
                    7 4
                    4
10. Leap years in a range
11. Convert a decimal to new base
12. Standard deviation of n numbers
13. Location of a given number in an array
14. Append two arrays A and B
15. Currency denomination
16. Matrix transpose
17. Fill upper triangle with 1, lower triangle with -1 and diagonal elements with zero in a 2D array
18. Matrix multiplication
19. Factorial of a number using recursion
20. Prime numbers in a group of n numbers using function
21. Short form of a string eg:- Computer Science : CS
22. Number of vowels in a string
23. Generate mark list of N students in a class using array of structures.
24. Length of a string using pointer
25. Write odd and even numbers into two files