



# VIT

Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)

## SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

Winter Semester 2019-2020

### Continuous Assessment Test – I

Course Code : CSE3002

Course Name : Internet and Web Programming

Slot : A2

Programme : B.Tech.

Max. Marks : 50

Duration : 90 Minutes.

ANSWER ALL THE QUESTIONS (5x10=50)

1. Compare and contrast the working of the following protocols: [CO1]
- a. HTTP and HTTPS [2 marks]
  - b. SMTP and FTP [4 marks]
  - c. POP3 and IMAP [4 marks]

2. Design the given form using HTML5 and apply the appropriate CSS rule [7 + 3 marks] [CO2]

### Create Account

First name \*

Last name

Email\*

Password \*

Confirm Password \*

Gender:  
☐ Male ☐ Female

Hobbies  
☐ Music ☐ Sports ☐ Travel ☐ Movies

Source of Income  
Employed

Income  
20K

Upload Profile Picture  
Choose File No file chosen

Age  
18

Bio

Create



SCAN ME



3. Create a kids website with the following : [CO2]
- To demonstrate a rhymes using Audio and Video player [4 marks]
  - Use Color picker to view the color palette [2 marks]
  - Use a hover effect on image to learn alphabets such as A for apple [2 marks]

4. Design an html file to display the following Social profile cards using CSS box model. Apply an external style sheet for CSS implementation. [CO2]



5. a. Create a webpage to calculate BMI for the user given input as Height, weight, age and Gender. (BMI = weight / height<sup>2</sup>). Alert the user according to the BMI. [CO2] [6 marks]

BMI	Weight status
Below 18.5	Underweight
18.5–24.9	Healthy
25.0–29.9	Overweight
30.0 and above	Obese

- b. Create a string object containing "jose lived in san jose for many years" [4 marks]
- Find the index of the second jose.
  - Get the substring "ear" from years.
  - Return the character code at the specified index
  - Reverse the given string.