Tertiary and Vocational Education Commission

NVQ Level 05 – Semester II

Information & Communication Technology

Web Programming (Practical)	K72C001M07	Three Hours

Answer All Questions.

Instruction: You should create a folder with your NIC number and save all the files along with the database backups in it.

"**Future IT**" is the one of the famous training institutes in Sri Lanka. Now they are going to register their students through web based system without using manual system. Now they want to develop a new web based system with the facility of **Register new students, Update existing students and Delete students**. Following student information should store in database.

Student Information:

a) Registration number
b) Name
c) Address
d) Date of Birth
e) NIC
f) Mobile Number
g) Email
h) Course

Course Information:

a) Computer Application Assistant
b) Computer Graphic
c) Computer Hardware
d) Web development

Step 01:   **(08 Marks)**

a) Create a web page with light background colour.
b) Add training centre name as the main banner of the webpage.
c) Add "© Copyright 2020Future IT" to footer of the website
d) Add "**Student Registration Page**" to title of the page

Step 02:

    a) Create basic data entry screen to register students   **(10 Marks)**

    b) Create a database to store the students information   **(08 Marks)**

    c) Create buttons called "**Add**" ,"**Search**" , "**Update**" , "**Delete**" & "**Reset**"   **(05 Marks)**

    d) Make all student information mandatory   **(05 Marks)**

    e) Drop down list should use to select the courses   **(04 Marks)**

    f) **Email, NIC** and **Mobile number** should be validated   **(06 Marks)**

    g) Function of the each buttons should be as follows:

        I. When click on the "**Add**" button, data should save in database if there is no any error. Otherwise relevant error should display in popup window to correct the user.   **(10 Marks)**

        II. When click on the "**Search**" button, search should base on Student's **Registration number** and all the student information should be displayed.   **(10 Marks)**

        III. "**Update**" button should have facility to update student information and "**Delete**" button should have facility to delete the selected student. **(20 Marks)**

        IV. Clear all text boxes when click "**Reset**" button   **(02 Marks)**

    h) Create separate web page (Link with student registration page) to display all the registered students "Registration number" and "Name" only.   **(12 Marks)**