SVKM's NMIMS

**MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING /
SCHOOL OF TECHNOLOGY MANAGEMENT & ENGINEERING**

Academic Year: 2021-22

Programme: B. Tech (Computer Science & Business Systems)   Year: III   Semester: VI

Subject: Modern Web Applications

Date: 16 April 2022
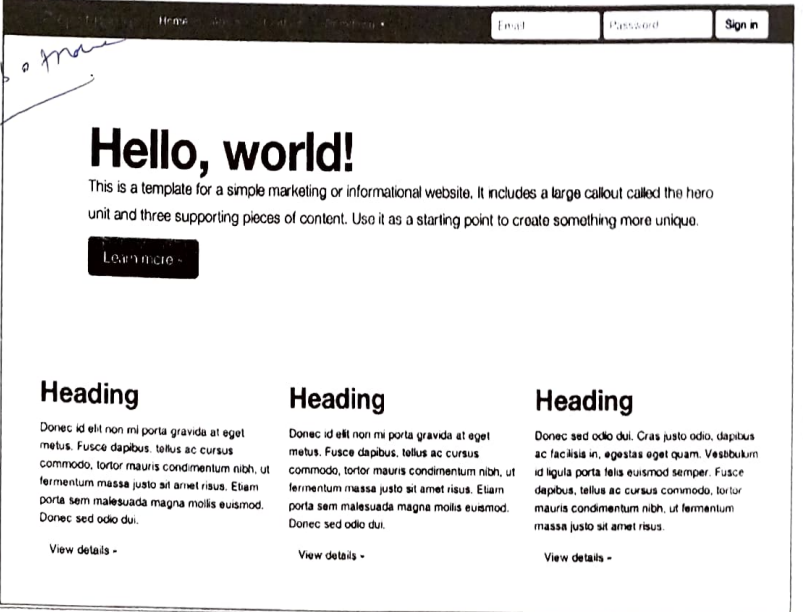
Marks: 100
Time: 10.00 am to 1.00 pm
Durations: 3 (hrs)
No. of Pages: 2

Final Examination

Instructions: Candidates should read carefully the instructions printed on the question paper and on the cover of the Answer Book, which is provided for their use.
1) All questions are compulsory.
2) All questions carry equal marks.
3) **Answer to each new question to be started on a fresh page.**
4) **Figures in brackets on the right hand side indicate full marks.**
5) **Assume Suitable data if necessary.**
6) Write code for the main logic asked in practical questions.

Q1		Answer briefly:	
CO1 SO-1,2 BL-1,2	a.	Explain the following terms : i) Internet ii) WWW iii) URL iv) DNS v) Web Browser	[10]
CO4 SO-1,5,6,7 BL-1,2	b.	What are RESTful Web Services? Explain RESTful Addressing in detail with guidelines for constructing a standard URI.	[10]
Q2 CO2 SO-1,5,6,7 BL-6		Create a HTML page with CSS to create following Output.	[20]

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Q3 CO2 SO-1,5,6,7 BL-6	Write html and JavaScript code to create increment/decrement counter. When user hits add count button, increment the counter and When user hits delete count button, decrement the counter and in both cases display the value on the page using h1 tag with font size 50 pixels and font color red and it needs to keep changing dynamically on hit of any button.	[20]
Q4 CO3 SO-1,5,6,7 BL-6	Write a program which shows the use of the following Angular JS directives. (1) ng-init (2) ng-model (3) ng-repeat (4) ng-keydown (5) ng-bind	[20]
Q5 CO3 SO-1,5,6,7 BL-6	Create a bootstrap application which includes a landing page (home page) with the main navigation bar having Project name on the left, main menu (Home, About, Contact, Dropdown), Email and password field with Sign in button on the right as shown below.	[20]