2103230211

DIPLOMA EXAMINATION IN ENGINEERING/TECHNOLOGY/ MANAGEMENT/COMMERCIAL PRACTICE, APRIL – 2024

ADVANCED WEB DEVELOPMENT

[Maximum Marks: **75**]   [Time: **3** Hours]

PART-A

I. Answer *'all'* the following questions in one word or one sentence. Each question carries *'one'* mark.

(9 x 1 = 9 Marks)

		Module Outcome	Cognitive level
1.	PHP stands for..................................	M1.01	R
2.	Name the inventor of PHP.	M1.01	R
3.	Predefined variables in PHP are called......................	M2.01	R
4.	Show the syntax of date () in PHP.	M2.03	R
5.	AJAX stands for...	M3.01	R
6.	Name any one jQuery CDN.	M3.07	R
7.	Tell the use of Bootstrap.	M4.01	R
8.	………….. class provides a responsive fixed width container.	M4.02	R
9.	The grid system in Bootstrap 3 is based on ....columns layout.	M4.04	R

PART-B

II. Answer any *'eight'* questions from the following. Each question carries *'three'* marks.

(8 x 3 = 24 Marks)

		Module Outcome	Cognitive level
1.	Summarize installation of LAMP in ubuntu.	M1.02	U
2.	Illustrate foreach loop in PHP with syntax and example.	M1.05	U
3.	Explain $GLOBALS in PHP.	M2.01	U
4.	Illustrate mktime() with syntax.	M2.03	U
5.	Illustrate session in PHP.	M2.04	U
6.	Outline XMLHttpRequest object with syntax.	M3.03	U
7.	Illustrate server response properties.	M3.05	U
8.	List the advantages of jQuery	M3.08	R
9.	Explain jumbotron in Bootstrap 3	M4.02	U
10.	Illustrate Tooltip in Bootstrap 3	M4.06	U

PART-C
Answer '*all*' questions from the following. Each question carries '*seven*' marks.

(6 x 7 = 42 Marks)

		Module Outcome	Cognitive level
III.	Explain Switch Case statement in PHP with syntax and example.	M1.04	U
	OR		
IV.	Summarize Functions in PHP.	M1.07	U
V.	Summarize HTML form handling using PHP.	M2.02	U
	OR		
VI.	Construct the PHP code to establish MySQL connection.	M2.06	A
VII.	Develop a web page to store the name of your favourite actor in a session variable. Also display the value of the session variable.	M2.04	A
	OR		
VIII.	Construct a web page to add one record into MySQL table STUDENT with fields Register number, Name and Semester.	M2.07	A
IX.	List any seven XMLHttpRequest object methods.	M3.03	R
	OR		
X.	Construct an AJAX Program to load a text file into a webpage when user clicks a button.	M3.05	A
XI.	Show how to integrate jQuery into a web page.	M3.07	R
	OR		
XII.	Summarize jQuerv sliding effects.	M3.09	U
XIII.	Illustrate buttons and icons in Bootstrap 3.	M4.03	U
	OR		
XIV.	Summarize images in Bootstrap 3.	M4.08	U

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