

FYIT/SEM II/Regular/Web Application Development

Time: 2½ hrs.

Marks: 75

- Note:
1. All questions are compulsory with internal choice.
 2. Draw neat diagrams wherever necessary.
 3. Figures to the right indicate full marks.

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- Q.1 Answer the Following.(any THREE)** **15**
- (a) What is the internet ? Explain application of the internet.
 - (b) Explain WWW components.
 - (c) Explain HTML5 tags and write a basic html program using tags.
 - (d) Define CSS. Explain types of CSS.
 - (e) Explain CSS selectors in detail.
 - (f) Explain DNS in detail.
- Q.2 Answer the Following.(any THREE)** **15**
- (a) Design a web page with links to different pages and allow navigation between web pages.
 - (b) Explain image mapping with example.
 - (c) Explain audio tags with example.
 - (d) Explain semantic elements with a suitable example.
 - (e) Explain IFrames with an example.
 - (f) Define page layout. Explain different sections of page layout with examples.
- Q.3 Answer the Following.(any THREE)** **15**
- (a) Write a JavaScript program to display all the prime numbers between 1 and 100.
 - (b) What is an operator? Explain arithmetic and bitwise operators with an example.
 - (c) Explain javascript variables.
 - (d) Explain loop statements.
 - (e) Define function and explain types of function.
 - (f) Explain switch statements with the help of an example.
- Q.4 Answer the Following.(any THREE)** **15**
- (a) Define PHP and explain PHP syntax with an example.
 - (b) Explain the following function:
 - o Array()
 - o Array_reverse()
 - o sort()
 - (c) Explain Math() function with an example in PHP?
 - (d) Explain PHP error handling.
 - (e) Explain types of variables in PHP?
 - (f) Explain features of PHP?
- Q.5 Answer the Following.(any THREE)** **15**
- (a) Explain any five PHP/MySQL functions with examples.
 - (b) Write a short note on regular expressions in PHP.
 - (c) Explain PHP sessions with steps.
 - (d) Explain PHP cookie.
 - (e) Explain Different PHP data types.
 - (f) Explain PHP Date and Time function with Example.