

(Time: 2 $\frac{1}{2}$ hours)

[Marks: 75]

Please check whether you have got the right question paper.

- N. B.: (1) **All** questions are **compulsory**.
 (2) Make **suitable assumptions** wherever necessary and **state the assumptions** made.
 (3) Answers to the **same question** must be **written together**.
 (4) Numbers to the **right** indicate **marks**.
 (5) Draw **neat labeled diagrams** wherever **necessary**.
 (6) Use of **Non-programmable** calculator is **allowed**.

- 1. Attempt any three of the following: 15**
- What is internet? Explain any two applications of internet.
 - Write a short note on domain name server.
 - Write a short note on search engine.
 - Explain the structure of HTML5 file.
 - List different formatting tags. Explain with example any three of them.
 - List and explain different types of cascading style sheets.
- 2. Attempt any three of the following: 15**
- Explain with example how text based navigation bar is created.
 - What is image map? Explain with example server side image map.
 - List various HTML5 semantic tags. Explain with example any four of them.
 - Explain following attributes of td tag:
 i. rowspan ii. colspan iii. width iv. valign v. bgcolor
 - Write a HTML5 program to display college admission form.
 - List various tags used to embed audio in a page. Explain with example any two of them.
- 3. Attempt any three of the following: 15**
- Explain any five special operators of java script.
 - Write html code to display factorial of number entered by user.(use do while loop)
 - What is the purpose of break and continue statement. Give suitable example.
 - Explain regular expression in java script.
 - List different methods of document object. Explain with example any two of them.
 - Explain following event attributes:
 i. onblur ii. onchange iii. ondblclick iv. onkeydown v. onmousedown
- 4. Attempt any three of the following: 15**
- How PHP variables are used? Explain with example.
 - Write down the rules to determine the "truth" of any value not already of the Boolean type:
 - Explain doubly quoted strings in PHP. Give suitable example.
 - Explain the ternary operator with example.

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- e. Write the purpose of following string methods:
i. strcasecmp ii. strrpos iii. strstr iv. chop v. strtolower
- f. List and explain functions for inspecting arrays.

5. Attempt any three of the following:

15

- a. Explain join with suitable example.
- b. List various fetching functions. Explain with example any two of them.
- c. List and explain function used to create database programmatically.
- d. Write a PHP program to display boolean data from database on checks button.
- e. Write down the use of following PHP-MySQL functions
i. mysql_affected_rows ii. mysql_data_seek iii. mysql_fetch_array
iv. mysql_field_type v. mysql_insert_id
- f. Explain following session functions:
i. session_register ii. session_is_registered iii. session_unset
iv. session_decode v. session_id