

Program: Diploma in Computer Engineering Full Marks: 80

Year/Part: II/I (2018 New Course) Pass Marks: 32

Subject: Web Technology & Programming II Time: 3 hrs

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Attempt Any Eight questions.

1. a) Differentiate between XML and HTML. [5]
b) What do you mean by AJAX? Explain with example. [5]
2. a) Why PHP is considered server-side scripting language? [5]
b) Explain briefly about variables, global variables and constants with examples. [5]
3. a) What do you mean by Operators? Write about relational operators. [1+4]
b) What are conditional statements? Explain with suitable example. [5]
4. a) Write about `strlen()`, `str_word_count()`, `strrev()`, `strpas()` and `str_replace()` with example. [5]
b) Explain one dimensional and multi-dimensional array. [5]
5. a) Write about `echo`, `print()` and `printf()` with example. [5]
b) Explain Get and Post methods in PHP. [5]
6. Write PHP script to create a text file with name 'newfile.txt' and write 'This is a text file' in it. Finally read 'newfile.txt' to display file size, file content and file name. [10]
7. Write PHP script to create a database 'college', create a table 'class' with fields 'name', 'boys_no' and 'girls_no', insert 5 data in table and retrieve data with boys-no greater than 5 and display it in html table format. [10]
8. a) Explain briefly about MVC concept in Laravel. [5]
b) Explain briefly about error handling in PHP. [5]
9. b) Write short notes on : **(Any Two)** [2x5=10]
 - i) MySQL Database
 - ii) Pagination
 - iii) Cookies
 - iv) sessions

Good Luck !