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SEAT No. :

P-6400

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T.Y. B.Sc. (Computer Science)

CS-363 : WEB TECHNOLOGIES - II

(2019 Pattern) (CBCS) (Semester-VI)

Time : 2 Hours]

[Max. Marks : 35

Instructions to the candidates :

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) Attempt any EIGHT of the following:

[8 × 1 = 8]

- a) Enlist the characteristics of XML?
- b) What do you mean by sticky form?
- c) Which information is stored in \$_FILES?
- d) Justify True or False - XML Parser cannot alter documents or create new documents.
- e) What is DOM?
- f) Give any two applications of AJAX.
- g) What is JQuery?
- h) What is CodeIgniter?
- i) What is the use of XMLHttpRequest object?
- j) What is the use of redirect() function in CodeIgniter?

Q2) Attempt any FOUR of the following :

[4 × 2 = 8]

- a) What is session? How to start the new session?
- b) Explain the structure of well-formed XML document.
- c) Explain pop-up boxes in JavaScript.
- d) Discuss similarities and differences between GET and POST method.
- e) Explain asynchronous mode in Ajax.

P.T.O.

Q3) Attempt any TWO of the following :

[2 × 4 = 8]

- a) What is XML parser? Explain it with its types
- b) Explain the workflow of MVC Architecture.
- c) Write a note on Ajax Web Application model.

Q4) Attempt any TWO of the following :

[2 × 4 = 8]

- a) Write a JavaScript code to accept employee's name and age, validate it with name and age should not be null and age should be greater than 18 years.
- b) Create Doctor table as follows Doctor (dno, dname, experience). Write Ajax program to print the doctor's details of selected doctor.
- c) Write a PHP Script to keep track of number of times the web page has been accessed. (Use Session Tracking)

Q5) Attempt any ONE of the following :

[1 × 3 = 3]

- a) Write XML syntax rules.
- b) What are JQuery selectors ? Explain in brief.

