01/12/17

Roll No. ☐☐☐☐☐☐☐   **H**

TBC–501/TBI–501

B. C. A./B. Sc. (IT) (Fifth Semester)
End Semester EXAMINATION, 2017
WEB TECHNOLOGY

Time : Three Hours]   [*Maximum Marks : 100*

Note : (i) This question paper contains five questions.

      (ii) All questions are compulsory.

      (iii) Instructions on how to attempt a question are mentioned against it.

      (iv) Total marks assigned to each question are **twenty.**

1. Attempt any *two* questions of choice from (a), (b) and (c).   (10×2=20 Marks)

   (a) Describe history of World Wide Web. List different uses of internet.

   (b) Explain Tier Technology. Differentiate between 2-tier and 3-tier.

   (c) Explain empty and container tags with suitable example.

C-38   **P. T. O.**

2. Attempt any *two* questions of choice from (a), (b) and (c).   (10×2=20 Marks)

(a) What is CSS ? Explain three ways of using CSS in a HTML document.

(b) Explain internal and external linking in HTML with the help of suitable example.

(c) Explain CSS box model with block diagram.

3. Attempt any *two* questions of choice from (a), (b) and (c).   (10×2=20 Marks)

(a) What is JavaScript ? Explain DOM model in detail.

(b) What are events ? Explain any *five* events used in JavaScript.

(c) Explain Regular Expressions. Implement e-Mail form validation with the help of Regular Expression.

4. Attempt any *two* questions of choice from (a), (b) and (c).   (10×2=20 Marks)

(a) What is XML ? Differentiate between HTML and XML.

(b) What is DTD ? Explain internal DTD and external DTD with suitable example.

(c) Explain the various parameters of PHP connection string. Explain the steps to successfully connect to MySQL database.

C-38

5. Attempt any *two* questions of choice from (a), (b) and (c).   (10×2=20 Marks)

(a) Create a Sign Up registration form with PHP and MySQL.

(b) What is PHP ? Why is it considered as a loosely typed language ?

(c) Create a form in PHP which contains insert, update and delete buttons ?

TBC–501/TBI–501   370

C-38