

04.12.19

Roll No.

H

TBC/TBI-501

**B. C. A./B. SC. (IT) (FIFTH SEMESTER)
END SEMESTER EXAMINATION, 2019**

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 each to question are **twenty**.

1. Attempt any *two* parts of choice from (a), (b) and (c). (10×2=20 Marks)
 - (a) (i) Discuss Internet and various services offered by Internet.
 - (ii) Discuss WWW and HTML protocols (HTTP and FTP) in details.
 - (b) What is the need of Search Engines ? Discuss Load Balancing and Application Server.
 - (c) Discuss importance of Website in our day to day life. What are the main technical components of a website ?
2. Attempt any *two* parts of choice from (a), (b) and (c). (10×2=20 Marks)
 - (a) Discuss structure of an HTML document with HTML elements.
 - (b) Design a basic website with four pages connected with each other. Pages names are Home, about, services and contact us. Make sure the use of external css the above website.
 - (c) Discuss Forms and Form controls with the help of appropriate example.
3. Attempt any *two* parts of choice from (a), (b) and (c). (10×2=20 Marks)
 - (a) Discuss JavaScript and JavaScript functions with their types in details with proper example.

(2)

- (b) Make a JavaScript document to explain the use of Alert, Confirm, Prompt dialog boxes/popup boxes.
 - (c) Discuss the use of events and event handling in details.
4. Attempt any *two* parts of choice from (a), (b) and (c). (10×2=20 Marks)
- (a) Discuss XML with their important characteristics and uses.
 - (b) Make an HTML document to design a basic calculator.
 - (c) Discuss Document Type Definition with building block of XML document seen from DTD point of view.
5. Attempt any *two* parts of choice from (a), (b) and (c). (10×2=20 Marks)
- (a) What is PHP ? Discuss Database connectivity in PHP with proper example.
 - (b) What is MySQL ? Create a login form and explain the use of \$_GET and \$_POST method.
 - (c) Create a PHP document to show the use of control statement :
 - (i) If statement
 - (ii) If else statement
 - (iii) Do while statement
 - (iv) For loop