

PUNE VIDHYARTHI GRIHA'S
COLLEGE OF SCIENCE & TECHNOLOGY
S.Y. B.SC (COMPUTER SCIENCE) – SEM-III SECOND HALF 2023
SUB: WEB TECHNOLOGIES

Q.P CODE:USCS306

(TIME :2 ½ Hrs.)

TOTAL MARKS :75

N.B:-

1. All questions are compulsory.
2. Answers to the same question must be written together.
3. Numbers to the right indicate full marks.
4. Draw neat labeled diagrams wherever necessary.
5. Use of Non-programmable calculators are allowed.

Q1) Attempt the following (ANY FOUR) (Each of 5 marks) [20M]

A) Which are the CSS properties to work with background of a Page in HTML? Give its purpose with an example.

B) Explain the following tags in HTML5 with an example:

(i) (ii) <link> (iii) <div> (iv) (v) <title>

C) Define stylesheet? What is the purpose of following CSS Text style properties in HTML5?

- (i) text-align
- (ii) text-transform
- (iii) text-decoration
- (iv) color

D) Explain any five text formatting tags in HTML5.

E) Explain Table Tag with its attributes,

(i) TABLE (ii) TR (iii) TH (iv) TD

F) Explain heading and paragraph element in HTML with an example.

Q2) Attempt the following (ANY FOUR) (Each of 5 marks) [20M]

A) What is External Javascript ? Explain with suitable example

B) Write a program to accept a number from user and check whether it is Armstrong number or not.

C) Explain with an example the purpose of following popup boxes:

(i) alert (ii) confirm (iii) prompt

D) Write a note on Navigator object and its any four methods with an example in javascript.

E) Describe Document Object Model with diagram.

F) What is purpose of History browser object in Javascript ? Explain any two methods.

Q3) Attempt the following (ANY FOUR) (Each of 5 marks) [20M]

A) How does AJAX handle asynchronous data transfer ?

B) List types of PHP operators. Explain any two.

C) Explain the following functions w.r.t database handling in PHP:

(i) mysql_connect() (ii)mysql_select_db() (iii) mysql_query() (iv)
mysql_fetch_array() (v)mysql_close()

D) Define jQuery. Give its any three features.

E) Write PHP script for retrieving data from HTML forms.

F) Explain any two functions used for animation in jQuery.

Q4) Attempt The Following (Any Three) (Each Of 5 Marks) [15M]

A) Write HTML code to generate a form accepting the user name (textfield), Contact number (textfield), gender (radio button), hobbies (checkbox), country (dropdown) and buttons for resetting and submitting the form.

B) What is positioning in CSS? Explain it with example.

C) Write down javascript code to check mobile number and mail id.

D) Give structure of an XML Document. Explain with an example.

E) Write PHP script for Read Data from a Text File.

F) Diagrammatically explain AJAX Web Application Model.