AV–1720

B.Sc. (Part-I) (Semester-II) Examination
COMPUTER APPLICATION (VOC.) (OLD) (UPTO SUMMER-2019)
(HTML and C Programming)

Time : Three Hours]   [Maximum Marks : 80

Note :— (1) All questions are compulsory.

   (2) Assume suitable data wherever necessary.

   (3) Draw neat sketches wherever necessary.

1. (A) Fill in the blanks (½ mark each) :-

   (i) _____ tag is used to break a line in HTML.

   (ii) _____ is used to space between the cell in <table> tag.

   (iii) _____ is used to store the address of variable.

   (iv) Value of _____ variable doesn't change throughout the program execution. 2

   (B) Choose correct alternatives (½ mark each) :-

   (i) All the main contents of a HTML document are written within the :

      (a) <HTML>- - - </HTML>   (b) <HEAD>- - - </HEAD>

      (c) <BODY>- - - </BODY>   (d) <TITLE>- - - </TITLE>

   (ii) The language used to develop web page is :

      (a) HTML   (b) HTTP

      (c) BROWSER   (d) Protocol

   (iii) Pointer variable is prefix with :

      (a) [ ]   (b) *

      (c) !=   (d) &

   (iv) Which mode of the file opens a file in read mode?

      (a) a   (b) w

      (c) r   (d) a+   2

   (C) Answer in one sentence (1 mark each) :-

   (i) What is paired tag?

   (ii) What is hyperlink?

   (iii) What is the use of fprintf ( ) in file handling?

   (iv) What is the use of pointer?   4

2. (a) Explain :

   (i) <BLOCKQUOTE>

   (ii) <LINK>

   (iii) <HR>   6

   (b) Explain the structure of HTML document.   6

OR

3. (a) Explain the <IMG> tag with example. 6

   (b) Explain the use of <MARQUEE> and <A> tag with example. 6

4. (a) Explain with example concept of ordered and unordered list. 6

   (b) Write a HTML program to demonstrate the use of <em>, <B>, <I> tags. 6

OR

5. (a) Explain the different levels of heading with examples. 6

   (b) Explain with examples :

   (i) <P>

   (ii)

   (iii) <HR> 6

6. (a) Explain the plus image map with examples. 6

   (b) Explain the procedure for uploading graphics with examples. 6

OR

7. (a) Explain how web pages are linked with internal and external links. 6

   (b) Explain image tag with examples. 6

8. (a) Write a C program to perform addition of all elements of two dimensional array. 6

   (b) Explain structure declaration and initialization with suitable examples. 6

OR

9. (a) Write a C program for addition, subtraction, multiplication and division of two numbers using pointer. 6

   (b) What is two dimensional array? How it is declared and initialized ? 6

10. (a) Explain difference between call by value and call by reference. 6

    (b) Explain the following :

    (i) Function calling

    (ii) Function returning

    (iii) Function body. 6

OR

11. (a) What is function? Explain the concept of function recursion. 6

    (b) Write a program to demonstrate the use of global variable. 6

12. (a) Explain the syntax and purpose of fprintf ( ) and fscanf ( ) function with example. 6

    (b) Write a C program to store natural number from 1 to 20 into the file. Read only even numbers find their sum & store into another file using putw ( ), getw ( ). 6

OR

13. (a) Explain the procedure for opening and closing a file in C with suitable examples. 6

    (b) Explain the following I/O operations on file :

    (i) fputc ( )   (ii) fgets ( )

    (iii) fread ( )   (iv) fputs ( ) 6