OR

5. (a) What is paragraph ? How it can break ? Explain how heading can apply to it. 6

(b) Write a HTML document for the following output.

Indian cricket player

1 Batsman

- Mahendrasingh Dhoni

- Suresh Raina

- Virat Kohali

2 Bowller

- Harbhajan Singh

- Ravindra Jadeja

- Pavan Negi 6

6. (a) What are various techniques to use graphics on web page and loading photos with different photo operations. 6

(b) How web pages are linked with internal and external links. 6

AR – 522

Second Semester B. Sc. (Part – I) Examination

COMPUTER APPLICATION (Vocational)

2S : HTML and 'C' Programming

P. Pages : 6

Time : Three Hours]   [Max. 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.

(i) ———— tag is used for ordered list.

(ii) ———— tag is used to create paragraph.

(iii) ———— mode is used to open the file in reading mode.

(iv) Group of homogenious element is called ————. 2

(B) Choose correct alternative.

(i) Which of the following tag is not related with <TABLE> tag ?

(i) <TD>   (ii) <TR>

(iii) <TH>   (iv)

(ii) ——— tag is used for scrolling the text over the screen.

    (i)   <LINK>   (ii) <IMG>

    (iii) <MARQUEE> (iv) <COLSPAN>

(iii) Matrix is an example of

    (i)   One-D array   (ii) Two-D array

    (iii) Character array (iv) Three-D array

(iv) Collection of different data types is called as ———.

    (i)   Structure   (ii) Union

    (iii) Both (i) and (ii) (iv) None of the above.   2

(C) Write answer in one sentence.

    (i)   What is hyper text ?

    (ii) What is hyper link ?

    (iii) What is array of structure ?

    (iv) What is string ?   4

2.   (a) What is microsoft front page ? Explain its applications for web page development.   6

(b) Write a HTML document for the following table.

R.No	Name	Subject		
		MATH	PHY	COMP
1001	Ajay	60	70	80
1002	Rahul	65	78	82
1003	Kapil	70	90	80

  6

OR

3.   (a) Explain history of markup language. Give its importance and application.   6

(b) Explain the following tag with syntax and example.

    (i)   <BODY>

    (ii) ROWSPAN

    (iii) COLSPAN   6

4.   (a) What is typography ? Explain its applications.   6

(b) What is list ? Explain the following list tags with example.

    (i)   <OL>

    (ii) <UL>   6

OR

7. (a) What is bookmark ? How can it be used to link the web pages ? 6

   (b) Explain the procedure for creation of plus image map. 6

8. (a) What is string ? Explain the following string functions with example.

   (i) Strcpy ( )

   (ii) Strlen ( )

   (iii) Strcmp ( ) 6

   (b) What is pointer ? How is it declared and initialized ? Explain with example. 6

OR

9. (a) What is a two dimensional array ? How two dimensional array declared and initialized ? Give example. 6

   (b) What is structure ? Explain array of structure with proper example. 6

10. (a) Explain function call by value and call by reference with example. 6

    (b) What is function recursion ? Write a program code in 'C' to calculate the sum of natural numbers upto n using recursion technique. 6

OR

11. (a) Explain the following terms :—

    (i) Local variable.

    (ii) Global variable

    (iii) Actual parameters

    (iv) Formal parameters.   6

    (b) Write a program in 'C' to read and print a matrix using function.   6

12. (a) Explain the proto type of file. How is it processed ? Explain with example.   6

    (b) Explain with example.

    (i) fgetc ( )

    (ii) fputc ( )

    (iii) fgets ( )   6

OR

13. (a) Explain the following functions with example.

    (i) fread ( )

    (ii) fwrite ( )

    (iii) fscanf ( )   6

    (b) Write a program to read a data from a file and display it on monitor.   6

———❖———