

**B.Sc. (Part—I) Semester—II Examination**  
**2S : COMPUTER APPLICATION (VOCATIONAL) (New)**  
**(Web Designing)**

[Time : Three Hours] [Maximum Marks : 80]

**N.B. :— (1) ALL questions are compulsory.**

- (2) Assume suitable data wherever necessary.
  - (3) Draw neat sketches wherever necessary.

1. (A) Fill in the blanks :

- (1) WAN stands for \_\_\_\_\_.
  - (2) \_\_\_\_\_ enhance the meaning of tag.
  - (3) DTD stands for \_\_\_\_\_.
  - (4) \_\_\_\_\_ tag is used to break a line.

(B) Choose correct alternative :

- (1) XML is used \_\_\_\_\_ .  
(a) to display data (b) to describe data  
(c) to view data (d) to print data

(2) XML declaration is a part of \_\_\_\_\_ .  
(a) Document Instance (b) Document Prolog  
(c) CSS (d) XML schema

(3) XML elements are \_\_\_\_\_ .  
(a) predefined (b) user defined  
(c) entities (d) None of these

(4) \_\_\_\_\_ tag is used to create a horizontal rule.  
(a) < BR > (b) < HEAD >  
(c) < A > (d) < HR >

(C) Answer in one sentence : 4

- (1) What is networking ?
- (2) What is document prolog ?
- (3) What is XML schema ?
- (4) What is Markup ?

2. (A) What is network topology ? Explain star topology. Write its advantages. 6

(B) Explain LAN and WAN. 6

OR

3. (A) Explain the network goals and advantages. 6

(B) Explain hybrid topology and multipoint network topology. 6

4. (A) Explain the need of HTML and application of HTML. 6

(B) Explain the following tags with example :

- (i) < LINK >
- (ii) < IMG >
- (iii) < HEAD >. 6

OR

5. (A) Explain the basic structure of HTML with suitable example. 6

(B) Explain the following tags with suitable example :

- (i) < MARQUEE >
- (ii) < ROWSPAN >
- (iii) < COLSPAN >. 6

6. (A) What is style sheet ? Explain the application of style sheet. 6  
(B) Explain the following properties :  
(i) Text  
(ii) Background  
(iii) Display. 6

**OR**

7. (A) Explain units and classes with suitable example. 6  
(B) Write a simple HTML document having CSS. 6  
8. (A) Explain the features of XML. 6  
(B) Explain the term CSS with XML with example. 6

**OR**

9. (A) Explain the following :  
(i) Document prolog.  
(ii) Document Instance. 6  
(B) Explain the logical structure of XML element with example. 6  
10. (A) Explain element content model with example. 6  
(B) Explain external DTD with example. 6

**OR**

11. (A) Explain the need of DTD.  
(B) Explain entities and their types. 6  
12. (A) What is XML schema ? Explain its features.  
(B) Explain XML schema data types with example. 6

**OR**

13. (A) Compare DTD with XML schema and give example.  
(B) What is namespace ? Explain default and prefix namespaces. 6

