

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 :

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(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 >

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- (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. 6
(B) Explain entities and their types. 6
12. (A) What is XML schema ? Explain its features. 6
(B) Explain XML schema data types with example. 6

OR

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

