

**CLASS X**  
**FOUNDATION OF INFORMATION TECHNOLOGY**

**Time : 3 hrs.**

**M.M. : 90**

I. Multiple Choice Questions : (18)

1. What does TCP stands for?
  - a) Transmission Central Protocol
  - b) Transmission Control Protocol
  - c) Transparent Central Protocol
  - d) Transparent Control Protocol
2. The default color of link in HTML is :
  - a) Purple
  - b) Green
  - c) Blue
  - d) None of these
3. Which one of the following is not an essential requirement for internet to work?
  - a) TCP/IP
  - b) Web browser
  - c) Computer
  - d) Web Camera
4. Empty elements in HTML have :
  - a) only ON tag
  - b) both ON and OFF tag
  - c) only OFF tag
  - d) None of these
5. Uploading files to a distant computer is done by :
  - a) Telnet
  - b) Video Conferencing
  - c) Chatting
  - d) FTP
6. Which of the following is not a domain type :
  - a) org
  - b) edu
  - c) net
  - d) pen
7. FACE attribute specifies :
  - a) Style of Font
  - b) Bold
  - c) Size
  - d) All of the above



18. Full form of SGML is :
- a) Structured Generalized Mark up Language
  - b) Standard Generalized Mark up Language
  - c) Simple Generalized Mark up Language
  - d) Syntactical Generalized Mark up Language

II. Define the following terms : (6)

- a) Home Page      b) HTTP      c) Surfing
- d) Web Server      e) Attributes      f) Primary key

III. Expand the following terms : (8)

- a) ARPANET      b) FTP      c) DNS
- d) GIF      e) MODEM      f) ISDN
- g) NCSA      h) URL

IV. Differentiate between : (12)

- a) <OL> and <UL> tag of HTML
- b) Relative and Absolute URL
- c) Design View and Datasheet view
- d) CC and BCC
- e) <FONT> and <BASEFONT> Tag of HTML
- f) Container and Empty Elements in HTML

V. Find the errors in the following HTML code and rewrite the correct code : (2)

```
<HTML>
<BODY>
<HEAD>
<UL TYPE="A" START="1.5">
<LI> C
<LI> CLA
<LI> CLASS
</OL>
</HTML>
</BODY>
```

VI. Write the output of the following HTML code :

(4)

```
a) <HTML>
    <BODY>
    <OL TYPE ="A" START="4">
    <LI> SUBJECTS
    <UL TYPE ="DISC">
    <LI> ENGLISH
    <LI> HINDI
    <LI> MATHS
    </UL>
    <LI> STREAMS
    <UL TYPE="SQUARE">
    <LI> SCIENCE
    <LI> COMMERCE
    </UL>
    </OL>
    </BODY>
    </HTML>
```

```
b) <HTML>
    <BODY>
    <OL TYPE="i" START="3">
    <LI> THREE
    <LI> FOUR
    <LI> FIVE
    <LI> SIX
    </OL>
    </BODY>
    </HTML>
```

VII. Answer the following questions in detail :

(26)

1. Arnav wants to write HTML coding. Which software can he use and with what extension should he save his file?
2. What are Newsgroups?

(4)

3. What are the roles of the following options in web browsers :
  - i) Forward
  - ii) Refresh
4. How can comments be given in HTML document?
5. What are the attributes of BODY tag? Explain each.
6. What do you mean by nesting of lists?
7. What is the use of Start attribute?
8. What are the advantages of database?
9. What do you mean by data validation rule and data validation text? Explain with Example.
10. Explain the working of search engine.
11. What is Number Addressing System?
12. What are the rules of naming a field?
13. Name any two ISPs in India and two search engines.

VIII. Do as directed :

1. What does a small key shaped icon in field selector column in MS Access mean? How is this field different from other fields? (2)
2. Look at the table "ITEM" given below and answer the following questions :

**ITEM**

ITEM NO	ITEM NAME	DESIGNATION	ITEM PRICE
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- a) Suggest the data type of all the fields. (2)
- b) Which field can be most appropriate to be primary key? (1)
- c) Which is not appropriate field in the record? (1)
3. What will be the result of following HTML statement? (2)
 

```
<HR WIDTH=50% COLOR="RED">
```
4. Amit wants  $[C_6H_{12}O_6]^2$  to be printed on his web page. What HTML statement should he write? (2)
5. Herschel would like to print an ordered list with roman numerals starting with (viii). Write an HTML statement for the same. (2)
6. What do the following validation checks do : (2)

[MARKS] BETWEEN 0 AND 100

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