



# BURARI PUBLIC SCHOOL

...a venture with **UNIQUE**

## PERIODIC TEST - II

CLASS: X

SUBJECT- Computer Application Date \_\_\_/\_\_\_/\_\_\_

Time: 1 Hour 30 Min

M.M. : 40

Name: ..... Roll No..... T. sign.....

### Instructions:

1. This Question Paper has 4 Sections A-D.
2. All Questions are compulsory. However, internal choices have been provided in some of the questions.
3. Section A has 10 questions carrying 01 mark each.
4. Section B has 5 Short Answer (SA-I) type questions carrying 02 marks each.
5. Section C has 5 Long Answer (LA-I) type questions carrying 03 marks each.
6. Section D has 1 Source based /Case-based /Passage based Questions carrying 05 marks.

### SECTION - A

1. Tick (✓) the correct option.

(1 x 10 = 10 Marks)

1. Which protocol is primarily used for secure communication over the web?

- A) HTTP                      B) FTP                      C) HTTPS                      D) TELNET

2. Who governs the Internet globally?

- A) A single government    B) United Nations                      C) No single authority                      D) World Bank

3. Which of the following is an example of a web client?

- A) Web server                      B) Browser                      C) Router                      D) Modem

4. POP3 protocol is mainly used for:

- A) Sending emails                      B) Receiving emails                      C) Browsing websites                      D) File transfer

5. Which HTML tag is used to insert a line break?

- A) <p>                      B) <br>                      C) <hr>                      D) <lb>

6. Which of the following is a disadvantage of the Internet?

- A) Fast communication                      B) Global connectivity
- C) Cybercrime risk                      D) Easy information access

7. Which HTML tag is used to display the largest heading?

- A) <h6>                      B) <h3>                      C) <h1>                      D) <head>

8. Which HTML tag is used to create an ordered list?

- A) <ul>                      B) <ol>                      C) <li>                      D) <dl>

**9. Assertion (A):** HTTPS is preferred over HTTP for secure transactions.

**Reason (R):** HTTPS encrypts data using security protocols.

- A) Both A and R are true, and R is correct explanation
- B) Both A and R are true, but R is not correct explanation
- C) A is true, R is false
- D) A is false, R is true

**10. Assertion (A):** HTML is a programming language.

**Reason (R):** HTML is used to structure web pages using tags.

- A) Both A and R are true, and R is correct explanation
- B) Both A and R are true, but R is not correct explanation
- C) A is true, R is false
- D) A is false, R is true

## SECTION - B

**2. Answer the following questions in brief:**

**(2 x 5 = 10 Marks)**

- i). Define Internet and mention any one advantage.
- ii). What is a web browser? Give one example.
- iii). Differentiate between HTTP and HTTPS (any one point).
- iv). What is an e-mail address? Give its basic structure.
- v). What is an HTML tag? Give one example.

## SECTION - C

**3. Answer the following questions in detail:**

**(3 x 5 = 15 Marks)**

- i). Explain any three advantages of the Internet.
- ii). Differentiate between blogs and websites (any three points).
- iii). Explain the working of a search engine in brief.
- iv). Describe the structure of an HTML document.
- v). Explain any three Internet protocols.

## SECTION - D

### 4. Case Study

(1 x 5 = 5 Marks)

#### HYPertext MARKUP LANGUAGE (HTML)

HTML stands for Hyper Text Mark-up Language.

**Hypertext:** The text on the web page that is used to link various web pages. On clicking the link takes to the new section in the same document or document in another web page.

**Mark-up:** The mark-up or the tags or the commands that are used to instruct the browser how to display the text and present information on a web page or highlight the text in different colours that is used to link various web pages.

**Language:** The medium of communication between web pages by following its own syntax.

It is easy to understand, not case sensitive and platform independent language. You can design the web pages flexibly using multimedia content.

HTML is a mark-up language or tag-based language. Tag is the most basic component, essential to create a web page. It is an instruction referred to as source code. Tags or elements mean the same and thus are used interchangeably.

#### Answer the following questions:

- i). What does HTML stand for?
- ii). What is meant by Hypertext in HTML?
- iii). Why HTML is called a mark-up language?
- iv). Write any two features of HTML.
- v). What is the role of tags in HTML?