Name: _____	Class: 10	Roll No.:

Computer Science Worksheet 2

Section A: Multiple Choice (5 marks)

Circle the correct answer.

1. What is the primary function of the Internet?
   a) To store web pages
   b) To connect computers and devices globally
   c) To encrypt data
   d) To create websites

Answer: _____

2. Which protocol ensures secure communication over the Internet?
   a) HTTP
   b) FTP
   c) HTTPS
   d) DNS

Answer: _____

3. What does DNS stand for?
   a) Domain Name System
   b) Data Network Service
   c) Digital Naming Server
   d) Dynamic Network Security

Answer: _____

4. Which type of cookie is deleted when the browser is closed?
   a) Persistent cookie
   b) Session cookie
   c) Secure cookie
   d) Tracking cookie

Answer: _____

5. What is the purpose of a web browser?
   a) To create websites
   b) To access and display web pages
   c) To encrypt data
   d) To replace the Internet

Answer: _____

Section B: Short Answer (10 marks)

6. Define the following terms:
   a) **URL** (1 mark)
   Answer: _____

b) **Web Server** (1 mark)
Answer: _____

_____

7. Explain the difference between HTTP and HTTPS. (2 marks)
   Answer: _____
   _____

8. Describe the role of DNS in retrieving a web page. (2 marks)
   Answer: _____
   _____

9. List **two** features of a web browser. (2 marks)
   Answer: 1. _____ 2. _____

10. State **one** use of persistent cookies. (1 mark)
    Answer: _____

11. Why is HTTPS considered safer than HTTP? (1 mark)
    Answer: _____

    _____

Section C: Structured Questions (10 marks)

12. **Retrieving a Web Page:**
    Arrange the following steps in the correct order (1–5) for retrieving a web page: (5 marks)

    a. Browser renders the page.

    b. User types a URL into the browser.

    c. Server sends HTML files to the browser.

    d. DNS server provides the IP address.

    e. Computer connects to the website server.

Correct Order: _____, _____, _____, _____, _____

13. **Cookies:**
    a) What are cookies? (1 mark)
    Answer: _____

    _____

b) Give **two** examples of how cookies are used. (2 marks)

1. _____

2. _____

c) Explain the difference between session and persistent cookies. (2 marks)

Answer: _____

_____

_____

_____

_____