



## M.Sc. I Semester Degree Examination, April/May - 2024

### COMPUTER SCIENCE

#### Web Technologies

#### (NEP)

Time : 1 Hours

Maximum Marks : 30

**Note :** Answer **all** the following. Each question carries **equal** marks.

1. Which of the following is NOT a valid HTTP header field ? 1  
(A) Cache-Control (B) Date  
(C) Content Type (D) Content-Length
2. Which of the following CSS positioning properties positions an element relative to its normal position in the document flow ? 1  
(A) static (B) absolute (C) relative (D) fixed
3. Which of the following tags is used to create a form in HTML ? 1  
(A) <form> (B) <input> (C) <submit> (D) <button>
4. What is the purpose of the title attribute in HTML ? 1  
(A) To specify the title of the web page  
(B) To define the title of a section within a web page  
(C) To provide additional information about an element  
(D) To specify the title of an image
5. Which of the following HTML elements is used to define an unordered list ? 1  
(A) <ol> (B) <li> (C) <ul> (D) <list>
6. What is the purpose of the <meta charset= "UTF-8"> tag in HTML ? 1  
(A) To specify the character encoding of the document  
(B) To define the front size of the document  
(C) To include external scripts  
(D) To set the language of the document



7. Which of the following is NOT a valid value for the CSS position property ? **1**  
(A) top (B) bottom (C) left (D) center
8. Which HTML element is used to define a clickable button ? **1**  
(A) `<input type="button">` (B) `<button>`  
(C) `<a>` (D) `<input type="submit">`
9. What is the purpose of the HTTP header "Content-Type" ? **1**  
(A) To specify the character encoding of the document  
(B) To define the type of content being sent in the HTTP response  
(C) To indicate the size of the content  
(D) To provide information about the server
10. Which of the following CSS properties is used to control the color of text ? **1**  
(A) color (B) background-color  
(C) text-color (D) font-color
11. What is the purpose of the rel attribute in HTML link tags ? **1**  
(A) To specify the language of the linked document  
(B) To indicate the relationship between the current document and the linked document  
(C) To define the media type of the linked document  
(D) To specify the title of the linked document
12. Which of the following is NOT a valid HTTP request method ? **1**  
(A) GET (B) POST (C) UPDATE (D) DELETE
13. Which of the following is used to apply styling to elements based on their state, such as when hovered over or clicked ? **1**  
(A) ID selector (B) Class selector  
(C) Pseudo-class (D) Tag name selector
14. What does XSS stand for in web security ? **1**  
(A) Cross-Site Scripting (B) Cross-Server Scripting  
(C) X Server Security (D) XML Secure Socket
15. Which of the following HTML elements is used to create a table ? **1**  
(A) `<table>` (B) `<tr>` (C) `<td>` (D) `<th>`



16. What does SEO stand for in web development ? 1  
(A) Search Engine Optimization  
(B) Secure Encoding Operation  
(C) Server Environment Operation  
(D) Static Entry Option
17. Which of the following is used to represent a group of related items in HTML ? 1  
(A) <div>                    (B) <span>                    (C) <section>                    (D) <article>
18. What is the purpose of the target attribute in HTML link tags ? 1  
(A) To specify the URL of the linked document  
(B) To define the relationship between the current document and the linked document  
(C) To specify where the linked document should be opened  
(D) To provide additional information about the linked document
19. Which of the following HTTP status codes indicates that a resource has been permanently moved to a new URL ? 1  
(A) 200                    (B) 301                    (C) 404                    (D) 500
20. What does CDN stand for in web technologies ? 1  
(A) Content Distribution Network  
(B) Central Domain Network  
(C) Code Development Network  
(D) Content Display Network
21. Which of the following is NOT a valid CSS length unit ? 1  
(A) em                    (B) px                    (C) pt                    (D) gr
22. What does HTTP stand for in web technologies ? 1  
(A) Hyper Transfer Text Protocol  
(B) Hyper Text Transfer Program  
(C) Hyper Text Transfer Protocol  
(D) High Tech Transfer Protocol
23. Which of the following is NOT a valid value for the CSS display property ? 1  
(A) block                    (B) inline                    (C) flex                    (D) grid



- 24.** What is the purpose of the aria-label attribute in HTML ? **1**  
(A) To define a label for an input element  
(B) To provide additional information about an element  
(C) To specify the accessibility label for an element  
(D) To specify the language of the document
- 25.** Which of the following is NOT a valid HTTP header field ? **1**  
(A) Access-Control-Allow-Origin  
(B) Content-Type  
(C) User-Agent  
(D) X-Requested-With
- 26.** What does CSRF stand for in web security ? **1**  
(A) Cross-Site Request Forgery  
(B) Cross-Site Resource Forgery  
(C) Critical Security Resource Failure  
(D) Cross-Server Request Failure
- 27.** Which of the following is NOT a valid HTTP method ? **1**  
(A) CONNECT (B) PATCH (C) OPTION (D) UPDATE
- 28.** What is the purpose of the tab index attribute in HTML ? **1**  
(A) To specify the order of focusable elements  
(B) To define the alignment of an element  
(C) To provide additional information about an element  
(D) To specify the language of the document
- 29.** Which of the following HTML elements is used to define a list item within an ordered or unordered list ? **1**  
(A) <li> (B) <ul> (C) <ol> (D) <list>
- 30.** What is the purpose of the HTTP header "Location" ? **1**  
(A) To specify the character encoding of the document  
(B) To define the type of content being sent in the HTTP response  
(C) To indicate the URL to which the client should be redirected  
(D) To specify the language of the document

