**CENTURION** **UNIVERSITY OF TECHNOLOGY & MANAGEMENT**

**ANDHRA PRADESH**

**EXAMINATION CELL**

**SUBJECT NAME: ADVANCED WEB PROGRAMMING**

**SUBJECT CODE: CUTM1030**

**MODULE NO: I**

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| S. NO | MCQ |  |  |  |
| 1 |  | Which version of HTTP introduced the concept of persistent connections? |  |  |
| A | HTTP 1.0 |  |  |
| B | HTTP 1.1 |  |  |
| C | HTTP 1.2 |  |  |
| D | Both |  |  |
| 2 |  | What is the main difference between HTTP1.0 and HTTP1.1? |  |  |
| A | HTTP1.1 supports persistent connections, while HTTP1.0 does not. |  |  |
| B | HTTP1.1 supports SSL encryption, while HTTP1.0 does not. |  |  |
| C | HTTP1.1 allows multiple requests to be sent over a single connection, while HTTP1.0 does not. |  |  |
| D | HTTP1.1 is faster than HTTP1.0. |  |  |
| 3 |  | What is the stateless nature of the HTTP protocol? |  |  |
| A | It means that the server remembers the state of the client between requests. |  |  |
| B | It means that the client remembers the state of the server between requests. |  |  |
| C | It means that each request is independent of previous requests. |  |  |
| D | It means that the protocol is not secure. |  |  |
| 4 |  | What are the five main HTTP methods? |  |  |
| A | POST, PUT, DELETE, UPDATE, REPLACE |  |  |
| B | GET, HEAD, POST, PUT, DELETE |  |  |
| C | GET, POST, HEAD, PUT, DELETE |  |  |
| D | GET, POST, HEAD, UPDATE, DELETE |  |  |
| 5 |  | What is the HTTP session? |  |  |
| A | It is a way to authenticate a user with a web server. |  |  |
| B | It is a way to keep track of the user's activity on the website. |  |  |
| C | It is a way to store data on the client-side. |  |  |
| D | It is not a feature of the HTTP protocol. |  |  |
| 6 |  | Which HTTP method is used to retrieve data from the server? |  |  |
| A | GET |  |  |
| B | POST |  |  |
| C | HEAD |  |  |
| D | PUT |  |  |
| E | DELETE |  |  |
| 7 |  | Which HTTP method is used to send data to the server? |  |  |
| A | GET |  |  |
| B | POST |  |  |
| C | HEAD |  |  |
| D | PUT |  |  |
| E | DELETE |  |  |
| 8 |  | Which HTTP method is used to update existing data on the server? |  |  |
| A | GET |  |  |
| B | POST |  |  |
| C | HEAD |  |  |
| D | PUT |  |  |
| 9 |  | Which HTTP method is used to delete data from the server? |  |  |
| A | GET |  |  |
| B | POST |  |  |
| C | PUT |  |  |
| D | DELETE |  |  |
| 10 |  | Which HTTP method is used to retrieve information about a resource, without returning the resource itself? |  |  |
| A | GET |  |  |
| B | POST |  |  |
| C | HEAD |  |  |
| D | PUT |  |  |
| 11 |  | What does the acronym HTTPS stand for? |  |  |
| A | HyperText Transfer Protocol Secure |  |  |
| B | HyperText Transfer Protocol Simple |  |  |
| C | HyperText Transfer Protocol Standard |  |  |
| D | HyperText Transfer Protocol Streamlined |  |  |
| 12 |  | Which HTTP status code indicates a successful request? |  |  |
| A | 200 |  |  |
| B | 201 |  |  |
| C | 204 |  |  |
| D | 404 |  |  |
| 13 |  | Which HTTP status code indicates that the requested resource was not found on the server? |  |  |
| A | 200 |  |  |
| B | 201 |  |  |
| C | 204 |  |  |
| D | 404 |  |  |
| 14 |  | Which HTTP status code indicates that the request was not understood by the server? |  |  |
| A | 200 |  |  |
| B | 201 |  |  |
| C | 400 |  |  |
| D | 404 |  |  |
| 15 |  | Which HTTP status code indicates that the request was successful, but no response body is needed? |  |  |
| A | 200 |  |  |
| B | 201 |  |  |
| C | 204 |  |  |
| D | 404 |  |  |
| 16 |  | What is an HTTP session? |  |  |
| A | A connection between a client and server that persists across multiple requests |  |  |
| B | A connection between a client and server that lasts only for a single request |  |  |
| C | A connection between a client and server that is encrypted |  |  |
| D | A connection between a client and server that uses persistent connections |  |  |
| 17 |  | What is a persistent connection in HTTP? |  |  |
| A | A connection between a client and server that persists across multiple requests |  |  |
| B | A connection between a client and server that lasts only for a single request |  |  |
| C | A connection between a client and server that is encrypted |  |  |
| D | A connection between a client and server that uses session cookies |  |  |
| 18 |  | Which HTTP status code indicates that the client must authenticate itself to get the requested response? |  |  |
| A | 401 |  |  |
| B | 403 |  |  |
| C | 404 |  |  |
| D | 500 |  |  |
| 19 |  | How does HTTPS provide security for HTTP requests? |  |  |
| A | By encrypting the data being transferred |  |  |
| B | By adding additional headers to the HTTP request |  |  |
| C | By compressing the data being transferred |  |  |
| D | By limiting the number of HTTP requests per second |  |  |
| 20 |  | What is HTTPS? |  |  |
| A | A protocol used for file transfers |  |  |
| B | A secure version of HTTP |  |  |
| C | A protocol used for email communication |  |  |
| D | A protocol used for video streaming |  |  |
| 21 |  | What does HTML stand for? |  |  |
| A | Hypertext Markup Language |  |  |
| B | Hypertext Modeling Language |  |  |
| C | Hypertext Machine Language |  |  |
| D | Hyperlink Markup Language |  |  |
| 22 |  | What is the correct HTML tag for inserting a line break? |  |  |
| A | <lb> |  |  |
| B | <break> |  |  |
| C | <br> |  |  |
| D | <line> |  |  |
| 23 |  | Which HTML tag is used to define a hyperlink? |  |  |
| A | <hyper> |  |  |
| B | <href> |  |  |
| C | <link> |  |  |
| D | <a> |  |  |
| 24 |  | Which HTML tag is used to define an image? |  |  |
| A | <image> |  |  |
| B | <picture> |  |  |
| C | <photo> |  |  |
| D | <img> |  |  |
| 25 |  | Which HTML tag is used to define a table? |  |  |
| A | <table> |  |  |
| B | <tab> |  |  |
| C | <tbl> |  |  |
| D | <chart> |  |  |
| 26 |  | Which HTML attribute is used to define inline styles? |  |  |
| A | class |  |  |
| B | style |  |  |
| C | id |  |  |
| D | font |  |  |
| 27 |  | Which HTML tag is used to define a list item? |  |  |
| A | <item> |  |  |
| B | <list> |  |  |
| C | <li> |  |  |
| D | <ul> |  |  |
| 28 |  | Which HTML tag is used to define the header of a section? |  |  |
| A | <header> |  |  |
| B | <heading> |  |  |
| C | <h1> |  |  |
| D | <title> |  |  |
| 29 |  | Which HTML tag is used to define a form? |  |  |
| A | <field> |  |  |
| B | <submit> |  |  |
| C | <input> |  |  |
| D | <form> |  |  |
| 30 |  | Which HTML attribute is used to specify an alternate text for an image? |  |  |
| A | alt |  |  |
| B | src |  |  |
| C | href |  |  |
| D | title |  |  |
| 31 |  | What does CSS stand for? |  |  |
| A | Computer Style Sheets |  |  |
| B | Custom Style Sheets |  |  |
| C | Creative Style Sheets |  |  |
| D | Cascading Style Sheets |  |  |
| 32 |  | What is the correct syntax for referring to an external CSS file? |  |  |
| A | <link href="style.css" rel="stylesheet"> |  |  |
| B | <style src="style.css"> |  |  |
| C | <style rel="stylesheet" href="style.css"> |  |  |
| D | <link rel="stylesheet" src="style.css"> |  |  |
| 33 |  | Which CSS property is used to set the background color of an element? |  |  |
| A | color |  |  |
| B | background-color |  |  |
| C | font-color |  |  |
| D | text-color |  |  |
| 34 |  | Which CSS property is used to set the font size? |  |  |
| A | font-weight |  |  |
| B | font-style |  |  |
| C | text-size |  |  |
| D | font-size |  |  |
| 35 |  | Which CSS property is used to set the width of an element? |  |  |
| A | length |  |  |
| B | size |  |  |
| C | height |  |  |
| D | width |  |  |
| 36 |  | Which CSS property is used to center an element horizontally? |  |  |
| A | margin |  |  |
| B | text-align |  |  |
| C | padding |  |  |
| D | display |  |  |
| 37 |  | Which CSS property is used to add a border to an element? |  |  |
| A | frame |  |  |
| B | outline |  |  |
| C | margin |  |  |
| D | border |  |  |
| 38 |  | Which CSS property is used to make text bold? |  |  |
| A | font-weight |  |  |
| B | font-style |  |  |
| C | text-weight |  |  |
| D | text-style |  |  |
| 39 |  | Which CSS property is used to make text italic? |  |  |
| A | font-style |  |  |
| B | font-weight |  |  |
| C | text-style |  |  |
| D | text-italic |  |  |
| 40 |  | Which CSS property is used to make text underlined? |  |  |
| A | text-decoration |  |  |
| B | text-style |  |  |
| C | font-decoration |  |  |
| D | font-style |  |  |
| 41 |  | Which CSS property is used to create columns in a web page? |  |  |
| A | column-width |  |  |
| B | column-count |  |  |
| C | column-gap |  |  |
| D | column-rule |  |  |
| 42 |  | Which CSS property is used to position an element? |  |  |
| A | position |  |  |
| B | display |  |  |
| C | margin |  |  |
| D | padding |  |  |
| 43 |  | Which CSS property is used to make an element transparent? |  |  |
| A | opacity |  |  |
| B | transparency |  |  |
| C | visibility |  |  |
| D | display |  |  |
| 44 |  | Which CSS property is used to align an element vertically? |  |  |
| A | vertical-align |  |  |
| B | text-align |  |  |
| C | margin |  |  |
| D | padding |  |  |
| 45 |  | Which CSS property is used to create a drop shadow effect? |  |  |
|  | A | box-shadow |  |  |
|  | B | text-shadow |  |  |
|  | C | shadow-effect |  |  |
|  | D | drop-shadow |  |  |
| 46 |  | Which CSS property is used to add a transition effect to an element? |  |  |
| A | transition |  |  |
| B | animation |  |  |
| C | transform |  |  |
| D | effect |  |  |
| 47 |  | Which CSS property is used to change the color of text? |  |  |
| A | color |  |  |
| B | font-color |  |  |
| C | text-color |  |  |
| D | style-color |  |  |
| 48 |  | Which CSS property is used to create rounded corners on an element? |  |  |
| A | border-radius |  |  |
| B | corner-radius |  |  |
| C | box-radius |  |  |
| D | edge-radius |  |  |
| 49 |  | Which CSS property is used to add a background image to an element? |  |  |
| A | background-image |  |  |
| B | image-source |  |  |
| C | image-background |  |  |
| D | background-source |  |  |
| 50 |  | Which CSS property is used to set the height of a text area? |  |  |
| A | height |  |  |
| B | text-height |  |  |
| C | font-height |  |  |
| D | line-height |  |  |