

1. Which among following is not a router function

Answers

1. Packet Switching
2. Packet Filtering
3. Internetwork communication
4. **Forwarding broadcasts by default**

2. Which layer deals with Packets

Answers

1. Physical Layer
2. **Network Layer**
3. Transport Layer
4. Application Layer

3. A much better approach to establish the base URL is to use

Answers

1. **BASE element**
  2. HEAD element
  3. both (a) and (b)
  4. none of these
4. The tag used to create a new list item and also include a hyperlink is

Answers

1. **<LI>**
2. <DL>
3. <DD>
4. <UL>
5. \_\_\_\_\_is the replacement for cookies in HTML5.

Answers

1. Java scripts
2. Web beacons
3. **Local Storage**

4. All of the above

6. Which of the following element may contain not just links but also other interactive items, including the newly introduced command element.

Answers

1. meter

2. progress

3. details

**4. menu**

7. What does this code do?

Code:

```
@media only screen and (max-width: 500px) {  
body {background-color: lightblue;}  
}
```

Answers

**1. If the browser window is smaller than 500px, the background color will change to lightblue:**

2. If the browser window is larger than 500px, the background color will change to lightblue:

3. The background color will change to lightblue

4. Nothing happens

8. Which CSS property can be used to set the image as border instead of the border style?

Answers

1. Background-image

2. Border-image

3. Background-image-source

**4. border-image-source**

9. Which of the following display property value is described by used internally by browsers to create list items. Of no practical value to web designers?

Answers

1. Inline-block

**2. List-item**

3. group

4. none of these

10. Which of the following CSS property determines how overflowed content that is not displayed is signaled to the users?

Answers

1. Text-flow
2. Text-underflow
- 3. Text-overflow**
4. none of the above

11. What is PHP?

Answers

1. Compiler
- 2. Interpreter**
3. Both
4. None

12. How many ways can we get the value of current session id?

Answers

- 1. session\_id()**
2. session()
3. Current\_session()
4. None

13. How many types of arrays in PHP?

Answers

1. Numeric Array
2. Associative Array
3. Multidimensional array
- 4. All of the above**

14. Which function is used to connect the mysql database engine?

Answers

1. MysqlConnect()
2. Mysql\_connect()
- 3. mysqli\_connect()**

4. `mysql_connect()`

15. The PHP syntax is most similar to:

Answers

1. JavaScript

**2. Perl and C**

3. VBScript

4. None

16. Include files must have the file extension ".inc"

Answers

1. True

**2. False**

17. What is the correct way to open the file "time.txt" as readable?

Answers

1. `open("time.txt", "read")`

2. `fopen("time.txt", "r+")`

3. `open("time.txt")`

**4. `fopen("time.txt", "r")`**

18. The `die()` and `exit()` functions do the exact same thing.

Answers

1. True

**2. False**

19. which keyword is used to define constant in PHP

Answers

1. `constant`

**2. `Define("Constant")`**

3. `clear`

4. NOT

20. When a session is active, PHP provides a special constant called

Answers

1. **SID**
2. CID
3. DID
4. None of them

21. What Does XML Stand For?

Answers

1. EXtra Modern Link
2. **EXtensible Markup Language**
3. Example Markup Language
4. X-Markup Language

22. Which Is Not A XML Function?

Answers

1. Transport Information
2. **Style Information**
3. Store Information
4. Structure Information

23. In XML Document Comments Are Given As?

Answers

1. <!-- --!>
2. **<!-- >**
3. < /-- -->
4. < ?-- ?

24. XML is application of Extensible Markup Language (XML) whereas the HTML is an application of

Answers

1. HTTP
2. FTP
3. XHTML

#### 4. SGML

25. The most popular way to materialize XML documents is to use:

Answers

1. DTD

**2. XSLT**

3. HTML

4. SOAP

26. To eliminate definition duplication, XML Schemas define:

Answers

1. an intersection table.

**2. global elements.**

3. a normalized definition table.

4. None of the above is correct.

27. XML Schemas consist of

Answers

1. properties and methods.

**2. elements and attributes.**

3. structure and data.

4. tables and relationships.

28. Node in XML is

Answers

**1. any part of the document whether it is elements, attribute or otherwise**

2. referred only to the attributes

3. referred to the top element in the document

4. none of these

29. Which of the following isn't a JSON type?

Answers

1. String

2. Object

### 3. Date

4. Array

30. Is whitespace matter in JSON?

Answers

1. It will be stripped out.

2. Both inside and outside of strings

**3. only within strings**

4. only outside of strings

31. NaN, Infinity and -Infinity are serialized to ..... in JSON.

Answers

**1. null**

2. infinity

3. undefined

4. NaN

32. Data types supported by JSON includes

Answers

1. String

2. Boolean

3. Object

**4. All**

33. JSON name/value pair is written as

Answers

1. name' : 'value'

2. name = 'value'

3. name = "value"

**4. "name" : "value"**

34. The order of elements in JSON arrays is always preserved.

Answers

1. False

2. **True**

35. What is the preferred medium for backing up log files ?

Answers

1. Print the logs to a paper

2. Create a copy of data in your laptop/desktop

3. **Copy the files to CD-R's**

4. none of the above

36. Which of these is an effective way of securing against cyber threats?

Answers

1. Complete eradication of threats.

2. Ensure that the severity of cyber war as a threat is recognised, and that instances of cyber warfare are identified, publicised, and acted upon immediately.

3. **All of the above.**

4. Acceptance that there can be no absolute security, instead design resilient IT systems and build international cooperation and information exchange in order to reduce threat and increase resilience.

37. Which statement is true with respect to HTML5 security?

Answers

1. In HTML5, AJAX calls can read from other domains without restrictions.

2. **Thanks to the new possibilities of HTML5, an attacker can steal data from an iframe through ClickJacking.**

3. If a page does not use the new features introduced by HTML5, it is a good way to protect against the new security risks introduced by those features.

4. HTML5 makes it easier to protect against XSS.

38. In which of the following exploits does an attacker insert malicious code into a link that appears to be from a trustworthy source?

Answers

1. **Cross-Site Scripting**

2. Buffer over flows



3. Command injection

4. Path traversal attack

39. What layout is used for providing 100% width in Bootstrap?

Answers

1. Fixed layout

**2. Fluid layout**

3. Both (a) and (b)

4. none of the above

40. Which of the following class is used to create a button as a link in bootstrap?

Answers

1. Btn-hyperlink

**2. Btn-link**

3. Btn-anchor

4. None of these