



Date: 15/09/2024

Time: 9.00am – 10.00am

Answer All Questions

Reg. No:.....

Question	Write the most appropriate Answer
1. What is the main technique used to solve the problem of connecting separate physical networks? a. Network Switching b. Packet Switching c. Circuit Switching d. Frame Relay	
2. Which system was an early information retrieval system used before the World Wide Web? a. Gopher b. Mosaic c. ARPANET d. HTML	
3. What is a key advantage of the client-server model? a. Decentralized resources b. Improved security and centralized resources c. Reduced costs d. Simplified client-side administration	
4. What is the primary purpose of HTML tags? a. To format text b. To create animations c. To describe the content of a web page d. To add color to web pages	
5. How are HTML comments inserted in the code? a. <!-- This is a comment --> b. /* This is a comment */ c. // This is a comment d. ** This is a comment **	

<p>6. Which HTML tag is used to define a table header?</p> <ul style="list-style-type: none"> a. <td> b. <tr> c. <header> d. <th> 	
<p>7. Which of the following is a correct characteristic of the HTTP protocol? the incorrect statement about PHP?</p> <ul style="list-style-type: none"> a. HTTP is a stateful protocol b. HTTP allows data to be sent in binary format only c. HTTP connections are maintained between client and server for future interactions d. HTTP is a stateless protocol, meaning each request is independent of others 	
<p>8. Which port is commonly used by HTTP for web communication?</p> <ul style="list-style-type: none"> a. 21 b. 25 c. 80 d. 443 	
<p>9. What is a characteristic of a "rich client"?</p> <ul style="list-style-type: none"> a. Requires a constant internet connection b. Has minimal processing capabilities c. Provides a sophisticated graphical user interface and can perform server-side processing d. Uses plain HTML without interactive features 	
<p>10. Which of the following is a best practice for color schemes in web design?</p> <ul style="list-style-type: none"> a. Using dark text on dark backgrounds b. Ensuring high contrast for readability c. Using neon colors for all text d. Avoiding color altogether 	

11. Below is a web page:

```
<html>
<body>
  <a href="http://www.example.com">Go to Example</a>
</body>
</html>>
</html>
```

What happens when the above web page is loaded into a browser?

- Displays the text "Go to Example" with no link
- Displays the text "Go to Example" as a link to <http://www.example.com>
- Displays an error message
- Displays "Go to Example" with a broken link

12. Below is a web page

```
<html>
<body>
  <table border="1">
    <tr>
      <td>Cell 1</td>
      <td>Cell 2</td>
    </tr>
    <tr>
      <td>Cell 3</td>
      <td>Cell 4</td>
    </tr>
  </table>
</body>
</html>
```

What happens when the above web page is loaded into a browser?

- A table with borders and four cells
- A table with no borders and four cells
- A table with borders but only two cells
- A table with no borders and two cells

13. Which of the following is a correct characteristic of the HTTP protocol?

- HTTP is a stateful protocol
- HTTP allows data to be sent in binary format only
- CHTTP connections are maintained between client and server for future interactions
- HTTP is a stateless protocol, meaning each request is independent of others

<p>14. What does the Post Office Protocol (POP3) primarily allow users to do?</p> <ol style="list-style-type: none"> Send email messages Retrieve email from a remote server Access email directly on a web page Transfer files between computers 	
<p>15. In the TCP/IP model, which layer is responsible for transferring addressable units of frames and error checking?</p> <ol style="list-style-type: none"> Application Network Data-Link Physical 	
<p>16. Below is a web page</p> <pre><html> <body> <p>Here is an image:</p> </body> </html></pre> <p>What happens when the above web page is loaded into a browser?</p> <ol style="list-style-type: none"> Displays the text "Here is an image:" followed by a broken image link Displays the text "Here is an image:" followed by "Example Image" Displays the text "Here is an image:" followed by the image example.jpg Displays an error message due to missing image 	
<p>17. Where in an HTML document is the correct place to refer to an external style sheet?</p> <ol style="list-style-type: none"> At the end of the HTML document Between <head> and </head> tags Between <body> and </body> tags Just after the <html> tag 	
<p>18. What is the correct statement relevant to popular Internet protocols?</p> <ol style="list-style-type: none"> POP is the older design used to send emails to the mail server IMAP is more capable of sending emails to the mail server SMTP is deal with retrieving email from mail server Telnet protocol is used to connect to remote computers to use their resources. 	

<p>19. FTP is an Internet protocol that allows data files to be transferred from one computer to another. Which of the following statements is correct?</p> <ul style="list-style-type: none"> a. Files can be sent or received in either binary or ASCII mode b. Files can be sent or received in binary mode only c. Files can be sent or received in ASCII mode only d. None of the above 3 statements. 	
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<p>20. What is the primary purpose of the HyperText Transfer Protocol (HTTP)?</p> <ul style="list-style-type: none"> a. To transfer files between servers b. To manage email communications c. To transfer web page requests and responses between browsers and servers d. To establish remote connections 	
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Write the answer inside the cage provided for each question.

i	What is the purpose of the Hyper Text Transfer Protocol (HTTP)?
ii	Name (03) objectives of FTP?
iii	Briefly explain what "Packet Switching" is?
iv	Briefly explain 404 error?
v	Name the first three (03) layers of ISO/OSI model relevant to computer networks.

vi	What are the (03) main parts of a client server transaction ?
vii	Compare and contrast Web Designing and Web Development.
viii	Explain the TCP/IP protocol.
ix	List four (04) drawbacks of the Client-Server Architecture?
x	Briefly explain the function of Telnet protocol?

xi.	Describe the difference between Post Office Protocol (POP) and Internet Message Access Protocol (IMAP).
xii.	What is the purpose of the <p> tag in HTML, and how does it contribute to the organization of text content?
xiii.	Why are the protocols important in computer communication?
xiv.	Name (03) protocols used in Network layer of ISO/OSI model?



ABC School



Subject	Teacher	No.Of Student
English	Maria Anders	56
Mathematics	Francisco Chang	60

Fill in the blanks to complete the HTML document provided below to generate the above text and the table as the output when it was executed in a web browser.

```

<!DOCTYPE html>
<html>
<head>
<...1...> ABC School</...1... >
</head>
<...5... >
<h1>ABC School</h1>
<br>
<.....2.....>
<br>

<table .....4.....>
  <tr>
    <...6... >Subject</...6...>
    <...6...>Teacher</...6...>
    <...6...>No.Of Student</...6...>
  </tr>
  <tr>
    <...3...>English</...3...>
    <...3...>Maria Anders</...3...>
    <...3...>56</...3...>
  </tr>
  <tr>
    <...3...>Mathematics</...3...>
    <...3...>Francisco Chang</...3...>
    <...3...>60</...3...>
  </tr>
</table>
</...5...>
</html>

```