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Internet Technology Assignment (Internal) (CS-705A)

Group - A

- i) A. DHCP
- ii) C. caten
- iii) B. plug-ins
- iv) D. ` email `
- v) B. search engine

Group - B

2) HTML offers the option of text formatting. HTML defines special elements for defining text with a special meaning. The 10 formatting options available in HTML are:

- `` - Bold text
- `` - Important text
- `<i>` - Italic text
- `` - Emphasized text
- `<mark>` - Marked text
- `<small>` - Small text
- `` - Deleted text
- `<ins>` - Inserted text
- `<sub>` - Subscript text
- `<sup>` - Superscript text

Example: `` This text is bold ``

HTML tags are the hidden keywords that define how your web browser must format and display the content. HTML tags are elements surrounded by angle brackets. HTML tags normally come in pairs `<p>` and `</p>`, where the first tag is the start tag, and the second tag is the end tag. The end tag is written like the start tag, but with a forward slash inserted before the tag name.

There are some tags where a closing tag is not required. The `` tag for showing images is an example.

3 In HTML, hyperlinks are defined with the `<a>` tag:

```
<a href = "url" > link text </a>
```

The href attribute specifies the destination address of the link.

The link text is the visible part.

Example: ` Visit YouTube `

An HTML table is defined with the `<table>` tag. Each table row is defined with the `<tr>` tag. A table header is defined with the `<th>` tag. By default, table headings are bold and centered. A table data/cell is defined with the `<td>` tag.

HTML Lists:

• Unordered list :- (`` tag) (styles - disc, circle, square, none)

Ordered list (`` tag) - (styles - type = "I", type = "A", type = "a", type = "i", type = "i")

GROUP C

Q4.

A router with IP address 192.168.0.1 and ethernet address 23:45:AB:4F:67:CD has received a packet for a destination with IP address 192.165.0.10 and ethernet physical address AA:BB:A2:4F:67:CD. show the entries in the ARP request packet sent by the router. Encapsulate the ARP request packet in a data link frame. Fill in the fields

Ans

ARP Packet

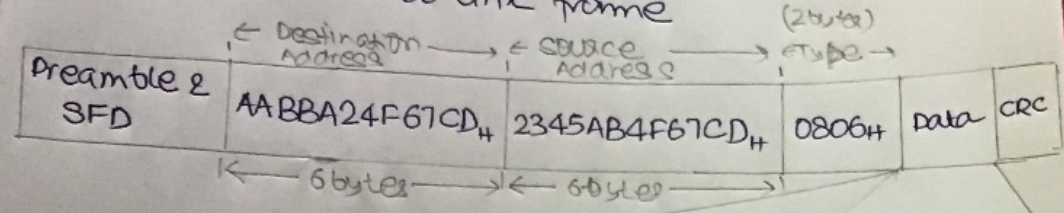
← 8 bits →		← 8 bits →		← 16 bits →					
0001 _H				0800 _H					
06 _H	04 _H			01 _H					
23 _H 45 _H AB _H 4F _H									
67 _H CD _H				C0 _H BA _H					
00 _H 01 _H				AA _H BB _H					
A2 _H 4F _H 67 _H CD _H									
C0 _H A5 _H 00 _H 0A _H									

How to create a hyperlink in HTML? What are Tags? Do all HTML tags have an end tag? 2+2+1
 the tabular form? What are some common lists that are used when designing a page? 2+2+1

Group-B
 4. A router with IP address 192.186.0.1 and ethernet address 23:45:AB:4F:67:CD has received a packet for a destination with IP address 192.165.0.10 and Ethernet physical address AA:BB:A2:4F:67:CD. Show the entries in the ARP request packet sent by the router. Encapsulate the ARP request packet in a data link frame. Fill in all the fields.

8+7

ARP request in data link frame



Data is the ARP Request Packet

0001 _H	0800 _H
06 _H	04 _H
23 45 AB 4F _H	
67 CD _H	CO BA _H
00 01 _H	AA BB _H
A2 4F 67 CD _H	
CO A5 00 0A _H	

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