

Ch 4_Quiz

Multiple Choice Questions (10%)

- Which of the following is not a way of classifying networks?
A. WAN versus LAN B. Closed versus open C. Router versus bridge D. Star versus bus
- Which of the following connects existing networks to form an internet?
A. Bridge B. Router C. Switch D. Repeater
- Which of the following is assigned the task of providing individual users access to the Internet?
A. Tier-1 ISPs B. Tier-2 ISPs C. Access ISPs D. ICANN
- The primary purpose of which of the following is not the enhancement of security?
A. ICANN B. Firewall C. Encryption D. CERT
- Which layer of the TCP/IP hierarchy chops messages into units whose size is compatible with the Internet?
A. Application B. Transport C. Network D. Link

Fill-in-the-blank/Short-answer Questions (90%)

- What is the difference between a repeater and a bridge? (8%)

Bridge 只會將目的地在另一側的訊息轉送
Repeater 則沒有判斷。

- What is the primary difference between using Telnet and SSH to connect to a remote server? (8%)

Telnet 是明文傳輸
SSH 會經過加密。

- What are some distinctions between UDP and TCP? (8%)

UDP: 無狀態式連線
較有效率, 不可靠

TCP: 較穩定, 較慢

UDP 可靠, 較快, connectionless

TCP 可靠, 較慢, connection oriented

- Write the entire URL required to retrieve the Web document named bulldogs.html from the Webserver at animals.org assuming that the document is stored in the directory named dogs. (8%)

<http://animal.org/dogs/bulldogs.html>

Animals.org/dogs/bulldogs.html
Ans: <http://animals.org/dogs/bulldogs.html>

- In each blank below write the HTML tag that performs the indication function. (10%)

- `<body>` Begins the part that describes what will appear on the computer screen `<body>`
- `</html>` Marks the end of the HTML document `</html>`
- `<p>` Marks the beginning of a paragraph `<p>`
- `` Marks the end of a term that is linked to another document ``

6. Fill in the blank in the following HTML document so that the image called dog.jpg will be displayed at the top of the page. (8%)

```
<body>
  
  <p>Above is a picture of Fido.</p>
</body>
```

7. Fill in the blanks with the missing tags to the following HTML document. (8%)

```
<html>
<head>
  <title>Title </title>
</head>
<body>
  <p>Click on
  <a href="http://this..org"> this. </a>
  </p> </p>
</body>
</html>
```

8. What terms in the following HTML document are linked to other documents? (8%) - HTML 文件中的哪些“词语”连接到其他文件?

```
<html>
<head>
  <title>This is the title</title>
</head>
<body>
  <h1>Favorite Animals</h1>
  <p>Of all the animals in the world, the
  <a href="http://pigs.org/pigs.html"> pig</a> is
  perhaps the most charming.</p> <p>However, the
  <a href="http://hippopotamuscity.org/hippo.html">
  hippopotamus</a> is also cute.</p>
</body>
</html>
```

Ans: pig, hippopotamus

Ans: pig, hippopotamus #

9. List two e-mail related protocols. (8%)

POP3 IMAP
SMTP

10. List four top-level domains. (8%)

tw org us
-net
-org com
-edu tw

-8 11. Identify two protocols used in networks to determine the right to transmit an original message. (8%)

CSMA/CA (wifi)

CSMA/CD (Ethernet)

TCP

UDP

Ans: CSMA/CD, CSMA/CA #