網路概論期中考 04/00124 朱欽 奶資科-甲

'Give the full name of the following acronyms.

a) P2P : Peer & Peer

(b) SMTP : Simple Mail Transfer Protocol

10 POP: Post Office Protopol

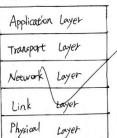
and HTTP: Hyper Text Transfer Processol

ce7 [SP: Internet Service Provider

of DNS - Domain Name System

go www - world wide web

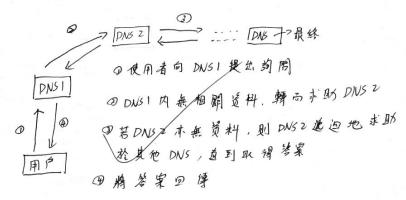
2. What are the five layers in the Internet protocol stack?



》What is the Proxy caddle? T理同服器的快取會儲存上 使用者所要求之網路道源,若不一 使用者要求相同道源,其理伺服器 會提供快取内之資料約使用者。

What advantages obes a proxy atche have? 使用代理伺服器之快取,可避免使用者對外要求重覆貧源,進而節省對外數置,並加速存取速度。

4. Please give a description of how recursion queries work on DIVS.



Give the proper underlying transport procood (TCP or UPI)

for each of the following applications.

- a Electronic Mail: TCP
- ch) web : TCP
- w DNS . UPP
- (d) File transfer: TCP
- (e) Internet telephony: UPP

b. What are the advantages and disadvantages over avail switching?

便: 0频定保證

缺, ①無证分享

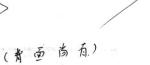
四男 浪费资源

Or Call setup time

7. Please give a method for achieving load balance among three identical web servers.

O 設 3 server 之编號為 O 1 / 2 , N 為 鄉 站 單 終 位 訪 客。

② 有药客時, 為之分配至 (N 0/0 3) 號 server D/VS



$$T_{prop} = \frac{55 \times 10^{9} (m)}{3 \times 10^{8} (m/s)} = \frac{55}{3} \times 10^{8} (5) = 183.333...(5)$$

Than = $\frac{5 \times (0^6 \times 8) \text{ lie}}{5 \times (5)^3 \times (5) \times (5)} = \frac{5}{32} \times (5^6 \times 5) = (56.25)$

=) 共 15808. 7 (5) A. 15808.3 (5) 202.86

8.

- O 允許 frewall 中上 part 20, 21
- ◎新增fp用之帳號滑碼
- ②於 IIS 中,某业 医名連绵, 並開啟 寫入 讀取權限

- O Ring topology

11. 在1 packet 中,需以 SOH, EUT 依為開使與結束之標起

'易造成 錯疑. 因此 SOH 變成 ESC + A, EOT 則憂

ESC+B,则引避免此情况 ZSC ->?

12-

 $= \frac{L}{R} \times \frac{(N-1)N}{2} = \frac{L(N-1)}{2R}$

$$0 + \frac{L}{R} + \frac{2L}{R} + \cdots + \frac{(W-1)L}{R}$$

 $A: \frac{L(N-1)}{2R}$