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#	Aosignment 2		
(10)	Write the differences between 05		
Barre .	The differences between USI model and TCP/IP model are.		
and the same of th			
-		TCP/IP model	
1		1) It is four : layered model.	
	model.		
	Horiet		
2)	Internet working is not supp	2) TCP/IP supports internet working.	
	orted.		
	Or said		
		3) This model fails to distinguish	
_0)	It deavily distinguishes bett		
	services, interfaces and protocols.	between services, interfaces and	
		biotocols.	
4)	Network layer provides both	4) The Internet layer provides	
	connectionless and connection-onie-	connectionless service.	
	orled services	and the state of t	
	the state of the s		
s)	Transport layer provides only	5) Transport layer provides both	
	Connection-oriented service.	connection-oriented and connectionless	
		senice.	
6)	Protocols in the OSI model age	6) Photocols in TCP/IP and not	
7	better hidden & can be replaced	hidden & thus cannot be	
	relatively easily.	replaced easily.	
	kennyely easily.		
	A [설명하다 : 145년에 발표하다 [설명 발표] 경영 발표 [설명 : 145년 145년 145년 145년 15년 15년 15년 15년 15년 15년 15년 15년 15년 1		

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printer management	a continuent		-
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	Differences between client server and peer to peer network.		
-=	The differences between client server & peer to paer		
	network age given act		
	Alexander and the second and the sec	and the state that we will be a second of the state of th	
	Chent server notwork	Poor to peer network	
_1)_	In this network, clients and	1) In this network, clients and	
	cerver, aoue differentiated:	servers are not differentiated	
	It bases on information	2) A focuses an connectivity	
1	shaving.		
3)	Contralized server is used to	3) Each peer has 1 ts own data.	
	store the data.		
4)	Gerver respond the services	4) Each and every node can	
	which is requested by client.	do both request and respond for	
	A STATE OF THE STA	the services	
		war in the state of the state o	
_6)	ctent-sener network and	s) Peer to-peer network ame	
	earlier than peer-10-peer	less costler than client-some	
	nehiort,	network	
	A REAL PORTOR OF THE PROPERTY	DO NACE AND ADDRESS OF THE PARTY OF THE PART	
6)	It is more stable.	6) It is less stable if the the	
		number of peer increases	
3)	P is used for both small 8	. 7) It is generally suited for	
	large networks	small networks with less than	

-					
(3)	What are the seven tayers of OGI model, what is the function				
	of each layer.				
∌	The seven layers of ost model ages				
	Physical layer				
0	Data link layer				
0	Netuork layer .				
0	Transport layer				
	Session layer				
	Presentation layer				
	Application layer				
	Layer 1: Physical: layer::				
	It is concerned with the transmission of raw data bits over communication lines. The layer is implemented in the hardware of the networking device. It specifies whe and connector for the				
					system to connect.
	layer 2: Data Link Layer:				
	A provides a direct link control on the network. This layer				
	is concerned with the reliable transfer of data over the communication				
	channel provided by the physical layer. Data link layer breaks				
	the data into data frames, transmits the frames sequentially				
	Over the channel and checks for transmission ener.				
	Over the Charles are created for manifestary effects				
	layer 3: Nohunt layer:				
	the deformines the best bath for data transmission. It				

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A points rowing and related functions that enable multiple data links to be combined into an internet work.

layer 1: Transport layer:

A manages end to end connection A accepts detall from the above layer, splits it up into smaller units and passes these to lower layers isolating from each other. A provides flow control, congestron control and also provides sequencing

layers: Session layer:

It allows users on different machines to cetablish sessions between them. It includes setting of various communication parameters like synchronization, dialog control.

layer- 6: Resentation layer:

and semantics. It maintains the formet of data and ensures the data is readable by the application.

Layer.-7: Application layer:

A provides an interface between host communication software and any external application. A provides etandards for supporting a variety of application and ependent services:

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(av) What are the principles behind OSI Nodel?

The OSI be models is based on several key principles:

O layered Approach:

The model is segmented into seven distinct layers, each tasked with specific functions, aiming to reduce complexity by compartmentalizing various networks

1 Modularity:

Each layer functions independently, meaning modifications in one layer generally do not impact others, facilitating easier updates and enhancements.

@ Enapsulation:

Data to package with the necessary protocol information as it moves through the layers, allowing each layer to add its own headers and trailers.

(1) Decoupling:

The network architecture is segmented into layer, enabling services provided by one layer to be designed and modified independently of others.

O Standarization:

Encourages the adoption of universally accepted protocols and interfaces, simplifying communication and integration ecosols diverse systems: