## Tutorial -01

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11915009 Computer Networks Brijesh Rohit How do the layers of internet model correlate to the layers of the OST model? The TCP/IP Model has 4 layers: 4. Application 3. Transport 2. Internet 1. Network-Interface layer -> OST networking model correlates more accusately to It has Flayers:-7. Application 3. Network 2. Data link 6. Presentation 1. Physical layer 5. Session 4. Transport => The correlation is as fallows:-1. The function of Application, Presentation and Session layers (7,6,5) of OSI Model is equal to Application layer (4) TEP/IP of TCP/IP 2. Transport and Network of OSI (4,3) is more likely to transport and Interhet of TCP/IP (3,2) 3. TCP/IP's Network-Interface layer (1) is more likely Data link and Physical layer combine.

	Date:
	OSI (Open System Interconnection) is a model that ISO put together as a networking communication Standard.
8-4	Compare OST model to TCP/IP model?
Ans.	OSI model TCP/IP model
-3	It has 7 layers -> It has 4 layers
<u>-s</u>	It is header is 5 bytes -> It's header size is
	20 bytes
->	OST-> open system inters TCP/IP-> Transmission
	connection control protocol
->	It fallous a vertical -> It fallous a horizondal
	approach approach.
->	In OSI model transport -> This model is both connection
	layer Bonly connection oriented and connection
	oriented. less.
-)	OST model is developed by -> TCP FTP model is developed
	ISO by ARPANET.

18-5	What are headers and trailers and how do they
	what are headers and trailers, and how do they get added and removed?
Ans	Headers and trailers are concept of OSI model.
<u>\$</u>	Headers are information structures which identify the
	information that fallows, such as block of bytes in
	comminication.
-3.	Trailer is the information which occupies several bytes
	at the end of the block of the dota being transmitted.
	They contain error thecking date which is useful for
	confirming the accuracy and status of the transmission.
	During communication of data the sender appends the
	header and passes it to the upperlower layer while
	The receiver removes header and passes it to layer.
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	Meaders are added at 7,6,5,4,3 and I layers
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· .	Trailers are added at layer 2.
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