	Assignment :- 1
	Explain Toansmission media. Explain types of guided media with its application, advantages
	and disadvantages.
Ams :-	L. L. S. SASLEM LUI R. P. C. C.
	and the second s
P 1	TOTAL SERVICE SERVICES
	Tognsmission media is a communication
	champer that carries the information from
+:	the sender to the seceiver Data is
4	transmitted through the electromagnetic signals
	1 fe2=1
	-> The main timetionality of the transmission
	media is to carry the information in the
	form of bits through LAN.
y =====	
*	> it is Physical Path between transmitter
	and seceiver in data communication
7.5	THE THE RESERVE THE PROPERTY OF THE PROPERTY O
	> In a copper - based metwork, the bits
	in the form of electric signals.
	- to the translation of the tran
	m a fibre based network, the bits
<u> </u>	in the form of light Pulses.
•	Types of Guided Media :-
	(1) Twisted Pair Cable
	(2). Cogxig Cable
1	C3). Fibre Optic Cable.
	C32. Tribate Of the Capit,
	Guided media, also known as
- 1	wised or Bounded toansmission media, is
	the Physical medium through which the
	signals are transmitted.

4 LONGLA - A 1. Twisted Paix Cable 8-Twisted - Pair Cables cables consisting of two insulated conductor wines wound and twisted together a assanged in a segular spiral Pattern. one wise cassies the signal to the seceives, and the other is used as a use the ground seference. The seceivers difference between them two to interpet sigmals. · Advantage :- all more -> it are often wont to corry both omalog cm'd digitali data, managaria and terminate. cause interfaces themselves. Best performence in shoot disternces Disadvantage :- mi. . hali in hali > Alternustion is very high -) As they a thin so can be easing bara Kabie -> Low duoability > it supports to mbps upto distance of 100.

	2. Coaxial cable :- Coaxial cable, also consists of an imner can cables were the first com in LANS. The Coaxial cable thon in baseband made on
	metwonis widery use coaxie; cable. Adventage 8-
	Supports high bendwith levels
	> con suppost multiple chammels. > it is easy to write and easy to expand due to flexibility.
	Disadventage &- Disadventage &- -> i+ mus+ be grounded to Prevent- mterface.
. b	> i+ is burky.
	Cable is bulky.

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Ans:- OSI Stands for open system Interconnection information from a soft-wise application in one computer model that describes how in one computer moves through a physical medium to the software application in onether computer. > OSI consists of seven layers and each layers computer. > OSI consists of seven layers and function. > OSI model was developed by the Internetional arganization for standardization in 1984, and it is now considered as an architectural model for the inter-computer communications.	-> each layer is assigned a Particular +ask. -> each layer is self-contrined, so that +ask assigned to each layer can be restrained independently. - characteristics of OSI Model :-	two layers & upper layers and lower
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