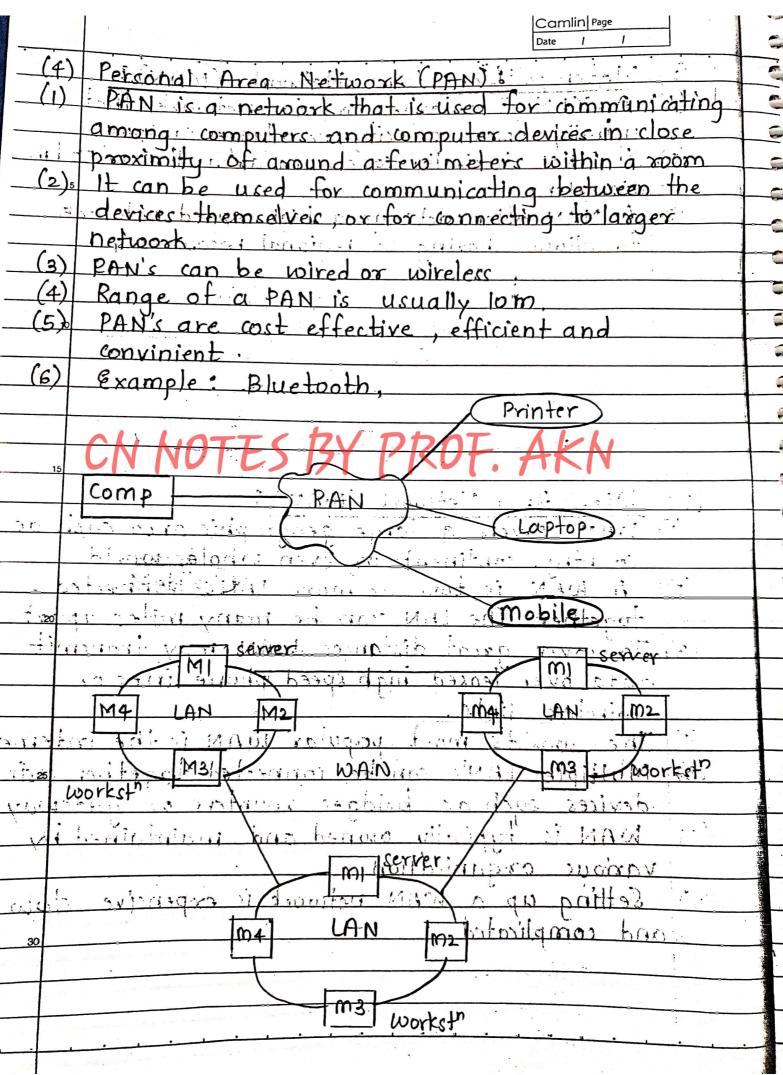


CN NOTES BY PROF. AKCOMIN Page Networking Types :-Depending upon the geographical area covered by a network, it is classified as: Local Area Network (LAN) Meteropolitan Area Network (MAN) Wide Area Network (WAN) Personal Area Network (PAN) Campus Area Network (can) (5) (1) 10 Local Area Network (LAN) 6-(1) A LAN is a network that is used for communic--ating among computer devices usually (2) LAN enable the sharing of resources such as files or hardware devices that may be needed by multiple üsers (3) The geographical area covered by LAN is LAN's are capable of very high transmission rate (100 Mb/s to Gb/s) (5) The cost is less as compared to MAN and WAN (6) It requires less wiring.

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	Camlin Page Date I I
(2)	Meteropolitian Area Network (MAN):
(1)	A. MANica large computer network that
370	Ducually spans a city or a large campus.
(2)	A MAN topically covers an area of 5 to 50 km
3rti 5	atianteter paitro invigues or best start of
(3.)	eAs MAN often actedacia high speed network
	to allow charing of regional resources
	LANGI DE MUSICA SE MATERIANO DE LANGE D
40	ban fasiother system to two one way (3)
10	MAN
	TANS :
	LAN3
· ·	
15	LAN4
(3)	Wide Area Network (WAN):-
(1)	WAN covers a large geographic area such as
	country, continent or even whole world
(2)	A WAN is two or more LAN's connected
20	together. The LAN acan be many miles apart
(3)	To cover great distances WAN may transmit data over leased high speed phone lines or
	data over leased high speed phone lines or
CIN	wireless links.
(4)	The world's most popular wan is the internet
(5)5	Multiple LAN's can be connected together using
Carl	devices such as bridges, rounters or gateway.
(6)	WAN is typically owned and maintained by
/	Various organisation Setting up a WAN network is expensive, slow
(4)	and complicated
30	and complicated.
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	(5)	
		Campuc Area Metwork (CAN)
- 3		CAN is made up of an interconnection of LAN
	(2)	Network icquipments such as switches, routers
		and the state of t
100	3	and the franchiccion media i.e. optical fibre etc
	(3)	are coloneth entirely owned by compus owner
1	7	CAN is smaller than WAN and MAN
1	(5)	(AN supports maximum length of 40m
- 512.5		- The more expenditure for continues
	10	development and maintenance.
1		Building
-		Tale
-	,	Internet .
	15	CAN Building 2
		the state of the s
		Building 3
	5 20 V	cotal very fail in the same and a second
	1	will it to be a first the second of the seco
1		CN NOTES BY PROF AKN
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