ASSIGNMENT-2

1) Multiple Access rechnique in worden communication

- · FDMA Forequery Discursion Multiple access.
- * IDMA Time Di vivios Multiple Access.
- · CDMA code Division Kultiple Access.
- · OF DMA orthogonal frequency Divino Hultiple Aces,
- · SDMt Space Division pulliple scen.
- · NOMA NON gethogonal multiple sciens.

Compagnison:

TOMA VS FONA US COMA

Feature	TOMA.	FOMA	CDM A
Sani Pourcife	Divides time into stoll	pi vida tandiordi	uses
Bandwillh Us and	shared in	divide into fisial braying aid	Entire bandwidth
synchronization	Agril Finist greating	les synchowning	W
complexits	meduir	Low	high

spectral	Moderate	LOW	High
Hard 8Hg	Yourse than 1=DMA	complese	soft hours
usedin	bism	Analog system	36 (warr (214 700)

(2) ED(TE OS ON ACID - ON to GSM / GPRS (BSS Enhanceror)

EDGE (Enhanced Data Late for usm evalution) TS a

Lechroloss develoted to increase the data

capacity of GSM (UPPS network without

changing the switch were network it is

often descente as an add on for the following

grecions.

Mahelation Enhancement:

EDGE USES SPSIC Modulation in

addition to the GMSIC used in USE evaluation

with auto sector

No call Notwork Chanes: it operator suces he sustay by sin core will busi, sursi, worsn) the upgrade are limited to be bank station (850)

Stytwore / Apardiume appracles.

only the Box and BSC requies . Soften and minor havelung encharament the associate need for worth infrustion replacement.

Buckward compatalibes ..

EDGE SUPPORTS foll to GPRS/GSM for non-compatitel device or areas, environ searless connectivity.

Improved throughput:

Enables date seep up to B & KIPS, machine ut sutales you 3 cz scowie det mobile intornal MMS and stramery.

Concluit.

EDGE seemen a a bounder between 24 and 36.

Leveraging switch investment linkets possibilities

enhanched capability and in considerer a cost
enhanched capability and in considerer a cost
enfactive upgrade path for operation

apply was referen

party partines in the color of

a appear to the state of the state of