Quiz-3

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Sec: 10

Answer to the Q.n.1

(a)

It is a methodology in which many number of digital or analog alguada one combined to form a single Algnal. When multiple signals are need to be transforred to a signal medium we need multiplexing. It divides the capacity of channel into various channels. For motonee, O Analog and digital broadcasting @ Processing of video

(iii) Telegraphy

The type	er of vo	riow	multiple	xlhg;
DSpace -dh	ympu ju	oHiplexiv	9	
3) Frequency	- gluinen	multh	pleasing	
3 Time d	Muleu u	nolatip kar	mg	
1 Code			46000	
(1) Polarizad (2) Oribital	JON JAR	mome	endm	multi Newson
W WCDMW	original	Mary F.	90/3	Johnson

Marine Market Marine Secretic Secretic

Colorate Color Harris Colorate Colorate

Multiplexing Digital Analog Advantage Analog multiplexing docon't need bettery Diradvantare han too tew line multiplexing do well with it doon't fluctuation

(P)

FDM

Output

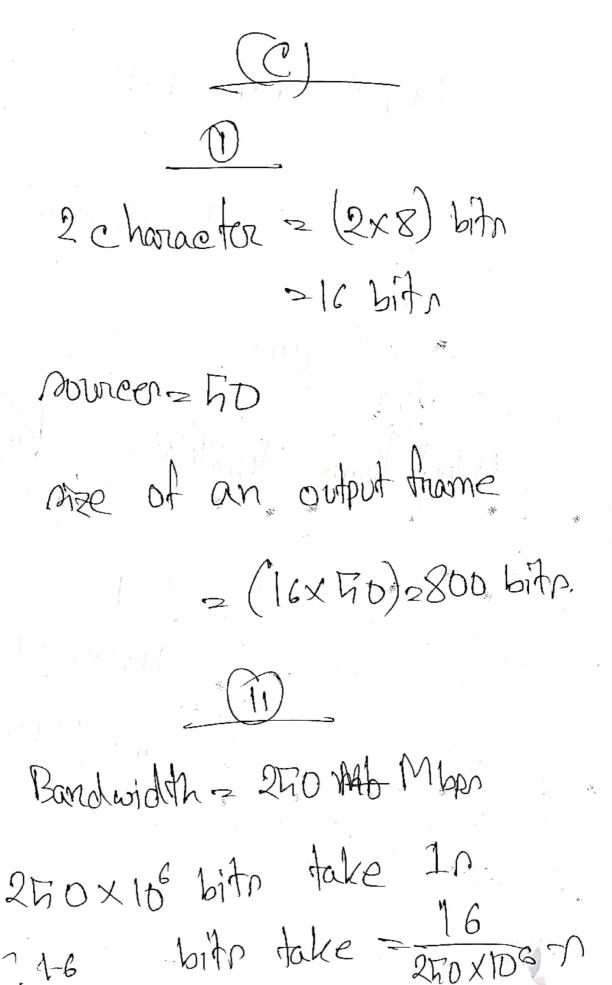
STDM

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Reco Ving

Sending

,	Parameter	FDM	Statistical TDM				
	- Aexibility	Poose	very good				
	Line utilization -efficiency	Pour	Very good				
	Charmel	POOTZ 199	Excellent				
	Erron control	Not panible	Pannible				
	Multidrop Capacity	Very good	Ponible				
	Transition delay	Doom't enint	Random	,			
	cont	HUh	Moderate.				



26/4×10-8p

Output thank nate = 1 6.9×159

= 15.625 × 106 Prame

(M)

Dutput frame duration = Frame rate

- 17.625 X 106 P

 -6.4×159

Output data ratez (GX - 10-8 X 800) ~ 1.12×15 bpp Bandwidths 250× 10° bps Input bit duration= 150 X106

= 9×10-9