Differentiate between bridges and reporters.

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ó.	a)	Compare the various network topologies.
	b)	Discuss the features and types of modem. Unit - IV
<i>7</i> .	۵)	
•	a)	Explain the different types of Guided media with example.
	b)	*
	0)	Draw a schematic diagram for fiber optic communication system clearly showing transmitter
		receiver and signal repeaters. Explain the function of
		each component in detail. What are the reasons by
		which fiber degrades the signal.
•	a)	Explain the components used in Telephone Network.
	1-1	5
	b)	What do you mean by wave attenuation and absorption?
	۵)	Discuss the characteristic CT
	c)	Discuss the characteristics of Transmission line. 6 Unit - V
	a)	
•	<i>a)</i>	Sixteen bit messages are transmitted using Hamming code. How many cheek bits are needed to ensure that
		the receives can detect and correct single bit errors.
		Show the bit pattern transmitted for the
		message1010110011001011. 7
	b)	Explain error detection and correction methods briefly.
	-/	7
0.	Eval	
υ.	a)	lain the following:- Hamming distance
	a) b)	Convolution code
	c)	Interleaved codes rgpvonline.com
	d)	Block parity
	4)	Diook party

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