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(b) Differentiate between source coding and channel	coding. [3]
10. One parity check code has parity check matrix as :i) Determine generator matrix	[15]
ii) Find the code word that begins with [101] If received word is [110110], then decode this word.	
11. (a) Explain different types of channel models.	[7]
(b) For a BSC, input source alphabet is X = {0, 1} with {0, 1}.Find the channel matrix.	n probabilities {0.6, 0.4}; and output alphabet is Y = [8]

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