Sub:

Time: Date: / /

CSE 320

auiz -02

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Sec: 7 [Rotake awiz] Los Q + Math

Am. to the ales No (a) Given that, distance = 15000 km -(15000× 1000) m speed = 2. 4x108 m/s .: Prepagation time = Distance propagation speed 2.4×108 = 0'062'5

49 =

Given that, bitreates = 300 Kbps. banduidth = 23 KHz L = m (0001 x00081) = We know, and grapis - book TON Noiseless channel, Bit reade = 2 x bannevidth x log (L) =)300 x2x25xlog\_6L) =) log(L)=6 =) L =(2)6 =)1=64