Date: Subject: Box Rose Norse: MH. Nafees Intiaz Absan [D: 18101008 2000 0001 timeron of avon ra Course Code: CSE 303 (A) PIN X 20 CT# Fors to The & No! (con 100) My 12 is even. So 1711 use B875 ternique. or il goes by 8 bils. Giren, 11 10 00 0,00000 11 0000 000000 we replace consequtive eight os with 000 V BOVB (b) He know, for asynchronous prosmission 111:00:000:00:00:00:000000 130 X000 K Buardering - provious lavel positive fij: B825.

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Ans To Pue Q NO: P

use have to transmit 1000 characters encoded as 8 bits.

D. We know, for synchronous transmission the & bit stream are combined into frames an it goes by 8 bits.

for synchronous -> 1000x8=1,8000 bits.

There are two extra start and end bit. So it will be 10 bits in total.

for asynchronous -> 1000 x 10 = 10000 bits

last 48 1 27.

Subject :

Date:

For ease (a) or synchronous case the redundancy pen in 01.

For case (b) or asynchronous case the redundancy is we send extra (1000-8000) = 2000 bits for 8000

So the redundancy is 25%

140 Y (2) 5 121 1 1 8 1/14

BS