Chapters - 6

multiplexing: multipleating is the set of-lechoiques that allows the simultaneous transmission of multiple signals accross a single data link.

output in v = T connection

ab If data reale=a

then bit duration = 1 a

Duration of Acomo = duration of an input
unit

45 Output bit duration input bit duration

The Output bit recto = output data riato of

a) Dola rade = 3 Kbps = burcation of each input slot = ratariate 3000 bps 6.000 3333 Sec = 033J ms = 333, JMS 6 Given that each frame= 3 lots each output slot = 7/3 @ Data rede- 3 Kbps a) bit readeland 1 Kpps input slot / bit durcoction = 1Kbps = 103 x 1 ms output = apput bit durcotion time slot duration of frame = 37-3 ms same as input.









