Theme:

Date: / /

Sat Sun Mon Tue wed Thu Fri

D. com Assignment

21-44543-1
AB-CDEFG-H

BCF = 145 KHz channel bandwidth

Guard band = DG = 43 Hz = 0.43 KHz

Number of channels = 10

(a) => The required minimum bandwidth for the 10 multiplexed channel would be:

(No. of voice channels x voice channel bandwidth) + (No. of guard bands x guard band)

for 10 channels we need at least 9 guard bands.

∴ Bandwidth of setup = (10 x 145) + (9 x 0.43)

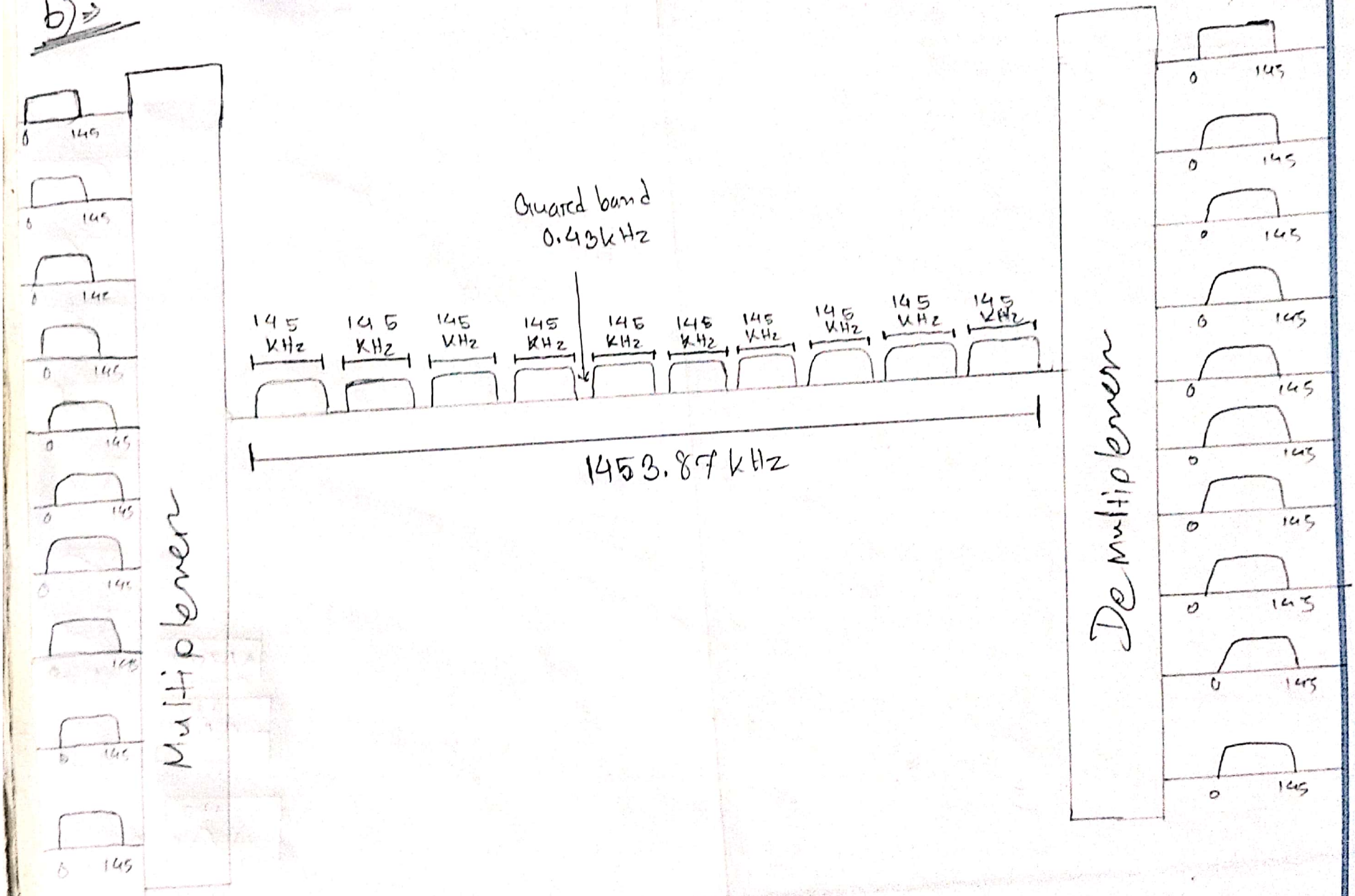
= 1453.87 KHz

Ans.

BD SCHOOL SHOP
ONE-STOP SCHOOL SHOPPING

BD SCHOOL SHOP
ONE-STOP SCHOOL SHOPPING

b) ⇒



Theme:

Date: / /

Sat Sun Mon Tue wed Thu Fri