Name: Ninvia Amer

ROLL-NO: 211-5609

Section: BAS-6A

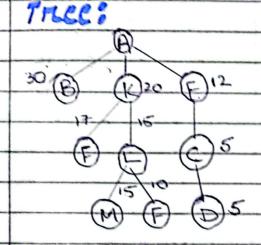
Mid-1 (2019)

Question NO.1:

(a)

1) A -> B = 30+22=52 A-K = 20+30 = 50 A→E = 17+29=41

E>C=5+30+12=47 C-D=29+5+(12+5)=51 K-7F = 30+17+20 = 67 K→L=15+15+20 = 50 L→M= 0+15+15+20=50 L-)F=30+10+35=75



11) Path: A - K - L -> M Cost:50

(6)

B->F=30+19+30=79 A-1 K= 60+20 = 80 B-74-30+11+30=71 A-B=10+30=40 F-> L = 10+15+12+20=57 A>E = 10+12 = 22 FAK =60+17+15+12=104 C-D= 20+5+(5+12) = 42 E>C = 50+5+12=67

D->F=30+5+(10+12)=57

L-> 16=60+15+10+15+12= FAK=60+15+12=90 12=52 FAL = 20+10+15+12 = 57

113 Path: A>E>C>D>F>L>M Tree: Cost: 52 10 14 15

