	1. Performance Test: [Mark:30]	
ID = AB-CDEFG-H,		
I.	Generate a composite signal using two simple cosine signals with f1=D*10, f2=E*10 and A1=C, A2=G. Choose appropriate sampling frequency.	[10]
II.	Add noise to the composite signal using randn function, where the amplitude the noise, s=B*F.	of [5]
III.	Produce 2 graphs (composite signal and noisy signal) with proper labeling us subplot function.	sing [5]
IV.	Calculate the SNR and SNR _{dB} value of the noisy signal.	[5]
V.	Find the bandwidth of the signal and calculate the maximum capacity of the channel.	[5]