(c) Is PM10 significantly correlated with WS and AT at 5% level of significance? Justify your answer.

F-Test of two cell PM10 and Atmosheric temperature		
	PM10	Atmospheric Temperature
Mean	367.96644	25.34572
Variance	41375.76636	33.55950189
Observations	500	500
df	499	499
F	1232.907643	
P(F<=f) one-tail	0	
F Critical one-tail	1.158826595	

F-Test Two-Sample for Variances		
	PM10	WIND SPEED
Mean	367.96644	2.76964
Variance	41375.76636	0.606828327
Observations	500	500
df	499	499
F	68183.64358	
P(F<=f) one-tail	0	
F Critical one-tail	1.158826595	

Using the F-test concept the value of "F" is greater than "F Critical value".So by the Relation PM10 is not signficant correlated with WS and AT at 5% level of significance.