



### PAPER PATTERN OF UNIT TEST -I

**Note the following instructions**

1. **Attempt any two questions of the three (Q.1, Q.2, Q.3)**
2. **Draw neat diagrams wherever necessary.**
3. **Write everything in Black ink (no pencil) only.**
4. **Assume data, if missing, with justification.**

Question No.	Questions	Course Outcomes	Marks
Q.1 a	Laplace Transform	CO1	8
	OR		
Q.1 a	Laplace Transform	CO1	8
Q.1 b	Laplace Transform	CO1	6
	OR		
Q.1 b	Laplace Transform	CO1	6
Q.2 a	ILT by using Convolution	CO2	8
	OR		
Q.2 a	ILT by using Convolution	CO2	8
Q.2 b	ILT by using Partial Fraction Method	CO2	6
Q.2 b	ILT by using Shifting Properties	CO2	6

Q.3 a	Karl Pearson Correlation Coefficient OR Rank Correlation coefficient	CO5	6
	OR		
Q.3 a	Regression of Lines	CO5	6
Q.3 b	Curve fitting	CO5	6
	OR		
Q.3 b	Curve fitting	CO5	6