

## QUESTION-3 OUTPUTS

t	Forward Difference (3-Point)	Central Difference (3-Point)	Backward Difference (3-Point)	Forward Difference (5-Point)	Central Difference (5-Point)	Acceleration (3-Point Forward)	Acceleration (3-Point Central)	Acceleration (3-Point Backward)	Acceleration (5-Point Central)
0.00	14.00			11.93		25.60			
0.25	21.40	20.40		27.60		17.60	25.60		
0.50	24.00	25.80	26.80	13.23	25.67	32.00	17.60	25.60	15.73
0.75	40.20	32.00	30.20		33.07	-33.60	32.00	17.60	38.67
1.00	29.40	31.80	40.00		32.77	-14.40	-33.60	32.00	-40.67
1.25		25.80	23.40				-14.40	-33.60	
1.50			22.20					-14.40	