ROSE-HULMAN INSTITUTE OF TECHNOLOGY

Department of Mechanical Engineering

ES 204		_			Mechanical Systems
Quiz -	- Le 02		N	ame:	
1.	What is the rate for	rm of conservation of lin	near momentum for a	closed system?	
2.	What is the rate for	rm of conservation of an	ngular momentum for	a closed system?	
3.	What is the finite to	ime form of conservatio	n of energy for an ad	iabatic, closed syste	em?
4.	What is the finite to loads?	ime form of conservatio	n of linear momentui	n for a closed syster	m subjected to impulsive
5.		ject A is 3 m/s in the positis the velocity of B with			ect B is 4 m/s in the negative terms of \hat{i} and \hat{j}

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