

to the schoolcev

Derive the derivatives due to time rate of change of angle of attack. b.

(10 Marks)

1 of 2

2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42-8 = 50, will be treated as malpractice. Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.

Module-5

9	a.	What is Dynamic Stability? Explain the types of its modes with a neat sketch.	(10 Marks)
	b.	Write short note on Cooper - Harper Scale.	(10 Marks)
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10	a.	Explain Dutch Roll and Spiral Instability with relevant sketches.	(10 Marks)
	b.	Explain the terms :	
		i) Auto – rotation ii) Spin iii) Wing Rock.	(10 Marks)

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