

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.



18ME36B/18MEB306

OR

8	a.	What is transducer? Sketch and explain principle of electronic transducer.	What are the
		advantages of electronic transducer?	(08 Marks)
	b.	With a circuit diagram, explain Ballast circuit.	(06 Marks)
	c.	With a neat sketch, explain stylus type oscillography.	(06 Marks)
		Module-5	
9	a.	Explain measurement of force using system unequal arm balance.	(06 Marks)
	b.	With a neat sketch, explain working of Prony brake dyanamometer.	(07 Marks)
	c.	With a neat sketch, explain McLeod gauge.	(07 Marks)

With a neat sketch, explain McLeod gauge. c.

OR

- What is thermocouple? Give the laws of thermocouple. 10 a.
 - With a neat sketch, explain the working principle of optical pyrometer. b.
 - Define strain gauge. With a neat sketch explain WheatStone bridge circuit. c.

(06 Marks)

(08 Marks)

(06 Marks)

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