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[Max. Marks : 100

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IV Semester Diploma Examination, Nov./Dec. 2017

ELECTRICAL MEASUREMENTS & MEASURING INSTRUMENTS

Tim	e: 3 Hours [M	Max. Marks: 100			
Note	: (i) Answer any six questions from Part – A. Each questions carr (ii) Answer any seven questions from Part – B. Each questions c				
1.	PART – A Define:	ETA CONSQLE!			
	(i) Precision (ii) Accuracy (iii) Sensitivity (iv) Resolution (v) Tolerance	Diploma - [All Branches] Beta Console Education 3-1			
2.	Explain calibration of moving coil voltmeter.	Diploma Question Papers [2015-19] Beta Console Education 5			
 4. 	Compare moving coil instruments and moving iron instruments. A 3 phase 500 V motor load has a power factor of 0.4. Two wattmeter measure the input they show the input to be 30 kW. Find the rwattmeter W_1 and W_2 .	ers connected to			
5.	Illustrate the measurement of inductance using Maxwell's Bridge.	5			
6.	Explain digital tong tester with neat block diagram.	5			
7.	List the application of digital LCR meter.	5			
8.	List the types of transducer.	5			

Explain the operation of thermocouple with neat sketch.

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