

Vidya Prasarak Mandal's
Maharshi Parshuram College of Engineering, Velneshwar
(Affiliated to University of Mumbai)

Subject: Transducers-1
Class: SE Instrumentation
Date: 22 / 10 /2018

Internal assessment-II
Max. Marks: 20
Time: 03.00 to 04.00 pm

N.B.:

- (1) Question No.1 is **compulsory**.
 - (2) Figures to the right indicate full marks.
 - (3) Course Outcomes (**CO**) covered in UoM syllabus.
 - (4) Bloom's Taxonomy (**BLL**) level.
-

Q. No.		CO#	Questions	Marks	BLL
1	A	CO2	Explain primary & secondary transducer with an example.	5	1
	OR				
	B	CO2	What are selection criteria for transducer?	5	1
2	A	CO3	How residual voltage is developed in LVDT & how it is minimised?	5	3
	OR				
	B	CO3	Explain the construction & working of LVDT.	5	1
3	A	CO4	State & explain thermoelectric laws.	5	3
	OR				
	B	CO4	How bimetallic thermometer works?	5	2
4	A	CO5	Explain measurement of liquid level using float.	5	1
	OR				
	B	CO5	How ultrasonic level sensor works?	5	2