

**2018**

**CBCS**

**3rd Semester**

**ELECTRONICS**

**PAPER—GE3P**

**(Honours)**

**(Practical)**

*Full Marks : 20*

*Time : 2 Hours*

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

***Instrumentation Lab.***

1. Design a multirange ammeter using galvanometer.

2. Design a multirang voltmeter using galvanometer.

3. Determine the characteristics of transducer-Straingauge  
(Using full bridge)
4. Determine the characteristics of transducer-Strain gauge.  
(Using half bridge)
5. Determine the characteristic of LVDT.
6. Determine the characteristic of Henmiston.
7. Study the pulse rate monitor with alarm system.
8. Measure the temperature by using thermocouple.

*Distribution of Marks :*

Experiment : 15 marks

Laboratory Note Book : 02 marks

Viva-Voce : 03 marks

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