**DECCAN COLLEGE OF ENGINEERING&TECHNOLOGY**

ELECTRICAL& ELECTRONICS ENGINEERING DEPARTMENT

BE2/4(EEE/EIE) II-INTERNAL EXAMINATION 2012

Subject*: ELECTRICAL MEASURMENT AND INSTRUMENTS*

{Time: 1 hour} {Max. Marks:20}

PART-A (8Marks)

Answer all questions

1. What is Maxwell’s bridge?
2. What is the use of the price guard wire bridge method?
3. Find the B(flux density) using the Ballstic test?
4. “Secondary of the current trans former should not be kept open” Why?

PART-B (Answer any two questions)

1. What is meant by ratio phase angle error of a current transformer? Drive the necessary

expressions for these errors.

1. Explain the working of Schering bridge? Draw the diagram ,operation and phasor diagram?
2. Explain Lloyd fischer square for measurement of iron losses and hysteresis loop using CRO?

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