

RAN-2503000504049001

S.Y.B.Sc. (Sem. IV) Examination April - 2026
ELE-ME-401 (Minor Electronics) : Instrumentation System

Time: 1 Hour]
[Total Marks: 25
મૂલ્યના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book.

Seat No.:

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Student's Signature

Q. 1 Answer in short: (ANY FIVE)
(05)

- Explain the difference between accuracy and precision.
- What is a digital LCR meter?
- State the disadvantages of Maxwell's bridge.
- What is a RF generator?
- Distinguish between AC and DC bridges.
- Full form CRT.

Q. 2 Derive an equation for the measuring the unknown frequency using Wein Bridge. (10)
OR
Q. 2 Draw and explain the block diagram of CRO.
Q. 3 Write short note on (Any ONE)
(10)

- Audio Oscillator
- Harmonic Distortion Analyzer