

## SECTION-B

**Note:** Short answer type questions. Attempt any six questions out of Eight questions. (6x5=30)

- Q.11 Explain capacitance bridge with diagram.
- Q.12 Write any five difference between AC bridge and DC bridge .
- Q.13 Explain dual trace oscilloscope with diagram
- Q.14 Explain X-Y recorder in detail.
- Q.15 Explain cathode ray tube.
- Q.16 Explain voltmeter-ammeter method.
- Q.17 How voltage and frequency is measured using CRO.
- Q.18 Explain the working of digital multi meter with diagram.

## SECTION-C

**Note:** Long answer type questions. Attempt any one questions out of two questions. (10x1=10)

- Q.19 Explain Q meter with diagram in detail.
- Q.20 Explain delay time based oscilloscope with diagram.

No. of Printed Pages : 2

Roll No. ....

188561

DVOC (Level 5)

Sem - II / DVOC ( Medical Image Tech.)

Subject : Electronic Measurement and Instrumentation-II

Time : 2 Hrs.

M.M. : 50

## SECTION-A

**Note:** Very short answer type questions . Attempt all ten question (10x1=10)

- Q.1 Expand CRO.
- Q.2 How many arms are there in a bridge circuit.
- Q.3 Write any one advantage of Digital Instrument.
- Q.4 What is oscilloscope probe.
- Q.5 Define plotters.
- Q.6 Which bridge is used to measure inductance.
- Q.7 Write resonance condition.
- Q.8 What is the role of deflection plate in CRT.
- Q.9 Write the name of operating principle of bridge circuit.
- Q.10 Define Calibration