

SECTION-B

Note: Short answer type questions. Attempt any six questions out of Eight questions. $(6 \times 5 = 30)$

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. $(10 \times 1 = 10)$

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 $(10 \times 1 = 10)$

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