

SECTION-B

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

- Q.11 Explain any one method for measurement of voltage.
- Q.12 Write a short note on Oscilloscope Probes.
- Q.13 What is Q meter? Explain its principle.
- Q.14 What are the advantages and disadvantages of Hay Bridge.
- Q.15 Explain Sampling Oscilloscope in brief.
- Q.16 What are the applications of CRO.
- Q.17 Explain the working Principle of DSO in brief.
- Q.18 Write a short note on Plotters.

SECTION-C

Note: Long answer type questions. Attempt any one question out of two questions. (1x10=10)

- Q.19 Explain the construction and working of CRT with diagram.
- Q.20 Explain the working principle, advantages and disadvantages of Wheatstone Bridge.

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2nd Sem, Level 5 / DVOC (Medical Image Tech.)
Subject : Electronic Measurement and Instrumentation - II

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short questions. Attempt all ten questions. (10x1=10)

- Q.1 What does Ammeter measure?
- Q.2 Expand CRT.
- Q.3 What does Schering Bridge measure?
- Q.4 What is the principle of operation of Q meter?
- Q.5 What is Phosphor?
- Q.6 Which method is used for measurement of low Resistance?
- Q.7 Expand DSO.
- Q.8 Define X-Y Recorder.
- Q.9 What is a Sampling Oscilloscope.
- Q.10 Is the Wheatstone Bridge a DC or AC Bridge.