

SECTION-B

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

- Q.11 Describe the SI temperature scales.
- Q.12 Explain any two measurement errors.
- Q.13 Differentiate between Dc ammeter and DC voltmeter.
- Q.14 Describe the operation of series ohmmeter.
- Q.15 Explain AC electronic voltmeter.
- Q.16 How digital multimeter works?
- Q.17 Explain current measurement with electronic instruments.
- Q.18 Discuss about probes.

SECTION-C

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

- Q.19 Explain the Digital frequency meter system in detail.
- Q.20 Describe the operation of transistor voltmeter circuits,

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1st Sem, Level 5 / DVOC (Medical Imaging Tech.)
Subject : Electronic Measurement and Instrumentation - I

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 CGS stands for _____
- Q.2 Define measurement error.
- Q.3 Write one disadvantage of PMMC.
- Q.4 Voltmeter measures _____
- Q.5 What is unit.
- Q.6 Define accuracy.
- Q.7 Write the SI unit of current.
- Q.8 What is absolute error?
- Q.9 Define ohmmeter.
- Q.10 What is dimension?