

SECTION-B

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

- Q.11 Describe the SI electrical units.
- Q.12 Discuss about Gross, absolute and relative errors.
- Q.13 Explain the working of DC voltmeter.
- Q.14 Describe the operation of Galvanometer.
- Q.15 Explain about digital frequency meter.
- Q.16 How digital voltmeter system works ?
- Q.17 Write a note on statistical analysis.
- Q.18 Discuss about dimensions.

SECTION-C

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

- Q.19 Explain the working of PMMC instrument in detail.
- Q.20 Describe the operation of AC electronic voltage in detail.

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DVOC (Level 5)

Sem 1st / Medical Imaging Technology

Subject :Electronic Measurement and Instrumentation - I

Time : 2 Hrs.

M.M. : 50

SECTION-A

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

- Q.1 What is resolution ?
- Q.2 Write the SI unit of voltage.
- Q.3 Define systematic error.
- Q.4 What do you mean by precision ?
- Q.5 Ohmmeter measures current. (True / False)
- Q.6 Define ammeter.
- Q.7 Write one advantage of PMMC
- Q.8 Define measurement.
- Q.9 MKS stands for _____
- Q.10 Define standard.