

SECTION-B

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

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. $(10 \times 1 = 10)$

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 $(10 \times 1 = 10)$

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.