

SECTION-B

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

Q.11 Explain the applications of Digital multimeter.

Q.12 Explain measurement error combination.

Q.13 Explain any voltage measuring electronic instrument

Q.14 Explain the Galvanometer.

Q.15 Explain the AC electronic voltmeter.

Q.16 Explain different units of Temperature & relation between them.

Q.17 Explain PMMC with diagram

Q.18 What are metric prefixes.

SECTION-C

Note: Long answer type questions. Attempt any one questions out of two questions. $(1 \times 10 = 10)$

Q.19 Write a note on Digital frequency meter system.

Q.20 Explain in detail various types of Measurement errors.

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Level 5, 1st Sem / (DVOC) Medical Imaging Tech.

Subject : Electronic Measurement and Instrumentation- I

Time : 2 Hrs.

M.M. : 50

SECTION-A

Note: Very short answer type questions. All questions are compulsory. $(10 \times 1 = 10)$

Q.1 What is multimeter.

Q.2 What is Systematic error.

Q.3 What is PMMC.

Q.4 What is Dimension.

Q.5 What is Galvanometer.

Q.6 What is resolution

Q.7 What is relative error.

Q.8 Give two examples of SI Electrical Units.

Q.9 Define Precision

Q.10 Volt is unit of _____.