

## SECTION-B

**Note:** Short answer type questions. Attempt any six questions out of Eight questions. (6x5=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. (1x10=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. (10x1=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 \_\_\_\_\_.