

## **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?