

G. PULLAIAH COLLEGE OF ENGINEERING AND TECHNOLOGY

Department of Electrical & Electronics Engineering

Objective Paper

Sub: Instrumentation

SET-4

Mid – 1

Subject Code: 13A02801

Date: 15.2.2018

IV. B.Tech- II Sem

Max Marks: 10

1. Any quantity providing excitation or stimulus to the physical system is treated as _____.
2. $X(t) = -X(-t)$ is a signal condition for _____.
3. Laplace transform of $e^{-at} \sin \omega t$ is _____.
4. In Pulse Amplitude modulation _____ of the signal is maintained constant and its amplitude is maintained constant.
5. _____ modulation has highest percent of applications in telemetry industry.
6. Quantity to be measured is known as _____.
7. Define Telemetry.
8. _____ is the combination of an ammeter and voltmeter.
9. The technology of using instruments to measure and control the physical and chemical properties of the materials is called _____.
10. Standard expression for Phase Modulation is _____.

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11.The act or result of a quantitative comparison between a pre-defined standard and an unknown quantity is known a

12.The set of criteria defined for the instruments, which are used to measure the quantities which are slowly varying with time are mostly constant is called _____

13.Define Calibration.

14._____ indicates the maximum allowable deviation of a manufactured component to a specified value.

15.The ability of an instrument to retain its performance throughout the specified operating life is defined as _____

16.Laplace transform of a sinusoidal input is _____

17.What are different methods to measure?

_____ & _____.

18.Define Variance

19.Define Error Correction.

20.Relationship between unit step and unit ramp.

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Objective Paper

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SET-3

Mid – 1

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Date: 15.2.2018

IV. B.Tech- II Sem

Max Marks: 10

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4._____ indicates the maximum allowable deviation of a manufactured component to a specified value.

5.The ability of an instrument to retain its performance throughout the specified operating life is defined as _____

6.Quantity to be measured is known as _____.

7.Define Telemetry.

8._____ is the combination of an ammeter and voltmeter.

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SET-3

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SET-2

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IV. B.Tech- II Sem

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