

[Assignment NO(2) for EE-4th SEM students] [sub: EEM]

Ans
26/03/20

Ques: 1) why we use series and shunt combinations? [in electrical and electronics engineering] Have you seen any general application in real life of series and shunt (I^r) combinations.

2) what is PMMC, Moving Iron analog meters? Also explain the meaning of the word "Analog" and "Digital".

3) write the Difference between Inductance, Reluctance & Resistance.

4) Define a) frequency. d) magnet
b) Hysteresis loop. e) electromagnet
c) eddy current. f) electrostatic, electromagnetic system.
with example

5). What is Form factor, Peak factor, RMS value, Average value of any waveform.

6) write the Difference between Deflecting torque, controlling torque, Damping torque).

7) write the Difference between torque & force with their unit.

8) write all the Damping techniques, with their application.

9). Differentiate the following
a) thermal effect
b) Hall effect
c) Piezoelectric effect
d) chemical effect.

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