
Answer any FIVE Questions All Questions carry equal marks

1. Draw the sketch of pneumatic Telemetry system and explain. How is fluid line characterized? What is the important parameter in such a system?
2. Define the terms :
 - (a) Multiplexer
 - (b) Demultiplexer and explain their role in Telemetry system. List their advantages.
3. Sketch a frequency transmitter circuit as used in frequency telemetering system and explain the operation. Deduce the relation between output frequency and input voltage.
4. Draw the sketch of low power transmitter and high power transmitter used in radio telemetry and explain.
5. Draw a sketch and explain how radio telemetry is used in the measurement of temperature and motion in internal combustion engine.
6. What is dispersion? Explain the types of dispersion? How does dispersion affect transmission in a fibre?
7. What is meant by digital Tele control method with coding method? Explain about Electro mechanical systems with low and high Tele graph speeds in digital pulse code method.
8. What is meant by remote regulation. Explain about remote regulation with examples.

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