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Thermal Engineering- I

Important 2mark questions

Unit I

1. Define Air Standard efficiency.
2. What is cutoff ratio?
3. Write down the air standard efficiency equation of Diesel cycle.

Unit II

1. State the function of engine flywheel.
2. What are the advantages in MPFI system?
3. Mention the use of a camshaft.

Unit III

1. Define critical pressure ratio.
2. What is the effect friction in steam nozzle?
3. What do you understand by the term critical pressure ratio?

Unit IV

1. What is the need of staging the compression process?
2. What is the purpose of intercooler?
3. What are the advantages of multistage compression?

Unit V

1. Define the term Air-conditioning.
2. What are the requirement of a Refrigerant?
3. Define Relative humidity of air.