

PART A,B & C

ME3451 – THERMAL ENGINEERING

UNIT 1:

- Air Standard Cycle
- Diesel Cycle / Carnot Cycle
- Modified / Reheat & Regeneration

• Otto Cycle

• Brayton Cycle / Rankine Cycle

UNIT 2:

- Critical Pressure Ratio
- Effect of Temperature
- Variation of Efficiency with Pressure Ratio

• Mass Flow

• Flow of Gas

• Jet Engine

UNIT 3:

• Jet Engine

• Jet Engine

• Jet Engine

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