

CAT-1 Question Bank EC-III, S-18

1. Classify Gas turbine. Explain with neat sketch constant volume gas turbine.
2. Give the various methods to improve specific power output and thermal efficiency of constant pressure gas turbine plant.
3. State merits and demerits of closed cycle over open cycle gas turbine plant.
4. Write a short note on
 - i) Ram jet engine. ii) Pulse jet engine.
5. Explain the working of a turbofan engine with the help of neat sketch. What are its advantages, disadvantages and application?
6. Explain the working of a pulsejet engine with the help of neat sketch. What are its advantages, disadvantages and application?
7. Explain the working of a turbojet engine with the help of neat sketch. What are its advantages, disadvantages and application?
8. Explain the working of a ramjet engine with the help of neat sketch. What are its advantages, disadvantages and application?