

EPG&DS MID 1 PAPER

1. A steam power station spends Rs.30 lakhs per annum for coal used in the station. The coal has a calorific value of 5000 kcal/kg and costs Rs.300 per ton. If the station has thermal efficiency of 33% and electrical efficiency of 90%. Find the average load on the station.
2. Explain with the help of neat diagram the working of cooling towers in a steam power plant.
3. Write the Advantages and Disadvantages of Nuclear Power plant.
4. Explain about the different types of distribution system.