

SECTION-B

11. How the nuclear energy is generated by fission?
12. Discuss the difference between Pelton and Francis Turbine and type of power plants they are suitable.
13. Explain the operation of Babcock and Wilcox water tube Boiler.
14. Describe Ideal Rankine cycle with suitable graph.
15. Explain the working of open cycle Gas Turbine Power Plant. Write also its Merits and Demerits.

SECTION-C

16. Write in brief about the site selection and the safety measures to be adopted for a Nuclear power plant. What is the difference between fission and fusion reaction, explain with example?
17. Draw a neat diagram of electrostatic precipitator of Thermal power plant. How the flue gases are filtered using different electrodes?
18. Draw a neat layout of diesel power plants, locate any five important parts of the power plant. Explain the working of the five parts of the power plant.

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