

Dr. SSBUI CET, Panjab University, Chandigarh.

Subject: Plant Utilities

Class: BE-MBA (7th Sem)

Max. Marks: 20

Note: Attempt all questions.(10 marks each)

Question 1:

Explain in detail, the effect in working of reciprocating compressor with and without clearance volume. Use suitable PV diagrams to support your answer.

Question 2:

Differentiate between fire tube and water tube boilers. Draw a neat sketch and explain the constructional features and working of Lancashire boiler.