

Dr. SSBUI CET, Panjab University, Chandigarh.

Subject: Plant Utilities

Class: BE-MBA (7th Sem)

Max. Marks: 20

Note: Attempt all questions.

Course objective	
Q1, Q2	To teach the students about requirement and use of main utilities like compressed air, steam, water and refrigerants, which are required in process plants.

Question 1: (10 marks)

Name various gas liquefaction processes and explain any one of these in detail using suitable figures.

Question 2: (5 marks each)

- Differentiate between two stroke and four stroke IC engine.
- Explain the effect of reheating and intercooling in open cycle gas turbines.