

MID TERM ONLINE EXAMINATION (JUNE 2021)

B.E. (Chemical with M.B.A.) 4th & 6th Semester

Subject: Energy Technology

Time allowed: 1 Hour

Max. Marks: 25

- I. Draw a well labeled diagram showing various zones in a producer gas generator, clearly indicating various reactions occurring in different zones and the temperature range in different zones. 6
- II. Briefly describe the froth floatation method for washing of coal with the help of a neat diagram. 6
- III. Draw a well labeled diagram of a blast furnace showing different zones, reactions and temperature range in different zones. 7
- IV. With the help of a neat diagram, show the working of a solar cell.

OR

Describe a binary cycle geothermal power plant with the help of a neat sketch. 6
