



# **Centre for Open and Distance Learning(CODL) Tezpur University**

**Assignment on  
Energy Efficiency in Thermal Utilities (DRE202)  
Total Marks: 30  
(All carry Equal Marks)  
Date 05-02-2018**

1. Steam has been the popular choice for boiler in power generation. Discuss the useful properties of steam which made it such a suitable candidate?  
Also discuss the uses of steam table for analysing the performance of boiler.
2. Describe coal as a solid fuel in terms of (i) classification (ii) properties, (iii) storage and handling and (iv) uses
3. With the help of suitable examples discuss the prospects of waste heat recovery in thermal utilities.