

Roll No.

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Total No. of Pages : 01

Total No. of Questions : 08

BE (Sem.-6)
CHEMICAL RECOVERY PROCESS
Subject Code : CH-710
M.Code : 90008

Time : 3 Hrs.

Max. Marks : 50

INSTRUCTIONS TO CANDIDATES :

1. Attempt any FIVE questions.
2. All Questions carry equal marks.

1.
 - a) What is black liquor in Kraft process?
 - b) What are the major constituents of green liquor?
 - c) What is Broby recovery?
 - d) What is white liquor clarification?
 - e) What is DARS recovery process?
2. Discuss briefly Kraft recovery process with diagram.
3. Discuss different types of black liquor evaporators with diagram.
4. Explain with diagram white liquor clarifier.
5. Discuss Electrostatic precipitator for fume particle recovery.
6. What are the various advantages and disadvantages of fume collection system?
7. Discuss lime kiln in details with diagram.
8. Briefly discuss process description of flue solid reburning system.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.