

- Q.20 What is need and importance of stock preparation in paper making process?
- Q.21 Discuss need and importance of thickeners used for stock preparation in brief?
- Q.22 Explain the concept of pulp blending in brief?

No. of Printed Pages : 4
Roll No.

220635

**3rd Sem / Branch : Chemical (Pulp &Paper)
Sub.: Stock Preparation - I**

Time : 3Hrs.

M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

- Q.1 Which of the following operation represent dispersion all the separated fibres in water?
- a) Slushing b) Sheeting
c) Wetting d) Mashing
- Q.2 Which of the following property measure that how rapidly water can drain from a diluted fibre?
- a) Freeness b) Consistency
c) Fidelity d) Frequency
- Q.3 Which of the following represent the interface between the pulp mill and the paper making machine?
- a) Stew preparation b) Dew preparation
c) Stock preparation d) Stall preparation

Q.4 What is the effect of beating operation on the quality of pulp?

- a) Its density decreases
- b) Its density increases
- c) Has no effect on density
- d) Has no effect on any property

Q.5 Which of the following machines is mainly used for secondary fibre pulping?

- a) Hydrapulper b) Pitcher
- c) Save all d) Thickener

Q.6 Which of the following property has a great influence on the swelling of the fibre and liquid permeability of the paper?

- a) Freeness b) Consistency
- c) Wettability d) Brightness

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

Q.7 What is function of Refiner Chest?

Q.8 Define the pulp?

Q.9 Write the name of any one type of agitator used in paper industry?

Q.10 What is hydrapulper?

Q.11 Write the full form of ^0CSF ?

Q.12 Why CaCO_3 is used in stock preparation in paper?

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 What is the difference between consistency & freeness?

Q.14 Describe the working of any one save all used in the paper industry?

Q.15 Discuss the theory of beating in brief?

Q.16 Explain the significance of consistency control in brief?

Q.17 What are different variables affecting the beating and refining?

Q.18 Explain the de-zurik consistency regulator in brief?

Q.19 Discuss the effect of refining on the fibre characteristics in brief?