

Q.24 Explain the Cooking Cycle with Different stages involved in it.

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Q.25 Explain any two.

- 1) Bio-Pulping
- 2) Chest Capacity
- 3) Extractives

Time : 3 Hrs.

M.M. : 60

3rd Sem / Chemical (Pulp & Paper)
Subject : Pulping Process

SECTION-A

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

Q.1 Explain AA.

- a) Active Alkali
- b) Extractive Alkali
- c) Available Alkali
- d) None of these

Q.2 Bamboo is a _____

- a) Tree
- b) Forest
- c) Grass
- d) None of these

Q.3 The fibre of _____ Wood is generally longer

- a) Hardwood
- b) Softwood
- c) Grass
- d) None of these

(20)

(4)

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(1)

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Q.4 Explain OD.

- a) Over Dried b) Over Dry
- c) Over Debarking d) None of these

Q.5 Cellulose is an organic material

- a) True b) False

Q.6 Which of following is a Hardwood

- a) Cedar b) Pine
- c) Juniper d) Teak

SECTION-B

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

Q.7 Define Hardwood .

Q.8 Name the Chemical used for Soda Process.

Q.9 Explain AD.

Q.10 How many layers are in a single fiber.

Q.11 Name any two Paper Industries.

Q.12 What is Bath Ratio .

SECTION-C

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

Q.13 Write a Note on Disk Chipper.

Q.14 Give the classification of fibrous raw material.

Q.15 Explain Chest capacity.

Q.16 Write properties of cellulose.

Q.17 Define kraft Process.

Q.18 Write a note on Hydra Pulper.

Q.19 Write a note on Black liquor?

Q.20 Write a note on TTA & EA?

Q.21 What do you mean by Open and Closed Chip Storage?

Q.22 What is Alkaline Pulping . Give its importance?

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Define Paper and Give brief overview of process of pulp & paper making with the help of block diagram.