

- No. of Printed Pages : 4
Roll No.

3rd Sem / Chem. P&P
Subject:- Pulp Washing & Cleaning

M.M. : 100

Note: Multiple choice questions. All questions are compulsory (10x1=10)

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Describe the washing principle and construction of brown stock washer in detail.
- Q.37 Explain various factors involved in high heat diffusion washing in continuous digester.
- Q.38 List various types of pulp screen; explain any 3 of them in detail with a suitable diagram of one screen.

- a) Size b) Shape
c) Density d) None
- Q.6 What is the unit of vacuum?
a) Kelvin b) Milibar
c) Points d) Decibel
- Q.7 Thickening factor is a function of _____
a) Motor speed b) Temperature
c) Rotor tip speed d) None
- Q.8 Can centricleaner remove plastic materials?
a) Yes b) No
- Q.9 What is time required for measure K No. of pulp?
a) 3 min b) 4 min
c) 5 min d) 6 min
- Q.10 _____ is used to determine the degree of delignification
a) Copper No. b) K No.
c) Hypo No. d) None

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 What is objective of washing?
Q.12 Name any two pulp screen.

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- Q.13 Define thickening factors.
Q.14 What do you understand by soda loss?
Q.15 Expand BSW.
Q.16 Why ESP is used?
Q.17 Write the advantages of vacuum washer.
Q.18 Give one function of deformer in BSW.
Q.19 What is the percentage of final rejection from three stage centre cleaner?
Q.20 Give one disadvantage of diffuse washing.

SECTION-C

Note: Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)

- Q.21 Mention the effects of wood species on screen capacity.
Q.22 Why overcooked pulp is difficult to wash?
Q.23 What is biometric leg?
Q.24 Write disadvantages of measuring kappa no.
Q.25 Mention the importance of soda loss in washing.
Q.26 Write a note on storage of pulp.
Q.27 List any five advantages of maintenance of vacuum.
Q.28 Why pressure screen is used for pulp? Give two reasons.
Q.29 Differentiate Kappa no. and KMnO4 no.

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