

- Q.26 Explain with the neat diagram the working of super calender.
- Q.27 Explain hand mode manufacturing process in brief.
- Q.28 Explain cheque and currency paper manufacturing process in brief.
- Q.29 Write the advantages of closed hood over open hood system.
- Q.30 Explain the working of shear cut slitter in brief.
- Q.31 Explain the method for calendering the number of dryers.
- Q.32 Write various operations in the finishing house.
- Q.33 Explain winder and rewinders.
- Q.34 A paper machine is running at 200 m/minute. Calculate the head required in open head box.
- Q.35 Explain pocket ventilation.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x10=20)

- Q.36 Explain with neat sketch the working of multi cylinder dryer section used for manufacturing News print.
- Q.37 Explain general practices and safety reminders for paper machine safety.
- Q.38 Explain the advantages of twin-wire former over fourdrinier machine. Explain with neat sketch the working of anyone twin wire former.

No. of Printed Pages : 4

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Roll No.

5th Sem / Chemical (P & P)

Subject:- Paper Making - II

Time : 3Hrs.

M.M. : 100

SECTION-A

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

- Q.1 How is heating done in cylinder dryers :
- Conduction
 - Correction
 - Radiation
 - all
- Q.2 Heat transfer occurs due to
- Potential difference
 - Concentration difference
 - Temperature difference
 - All
- Q.3 Name of the dryer used for calender paper
- M.F dryer
 - M.G Dryer
 - Drum Dryer
 - All
- Q.4 To remove condensate from dryer shell, _____ is used
- pump
 - Manually
 - Syphon
 - None

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- Q.5 Super calendering is used to increase
- Smoothness
 - Roughness
 - Gloss
 - Thickness
- Q.6 Pope reel works on the principle of
- Smoothness
 - Push
 - Friction
 - None
- Q.7 How many papers are in a ream?
- 200
 - 300
 - 500
 - 1000
- Q.8 For dryer shell, which metal is most preferred :
- Copper
 - Tungsten
 - Cast iron
 - All
- Q.9 To increase heat transfer in a dryer shell, _____ is removed from dryer:
- Condensate
 - Scale
 - non-condensable gases
 - All
- Q.10 Calender in a stock consists of
- fibrous rolls
 - metals rolls
 - Combination of metal and fibrous rolls
 - All

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SECTION-B

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

- Q.11 Define consistency.
- Q.12 Write the full form of M.F. Dryer.
- Q.13 Define super heated steam.
- Q.14 Define relative humidity.
- Q.15 Define Dew points.
- Q.16 Write main advantage of using twin-wire former over fourdrinier machine.
- Q.17 Name any two twin wire former.
- Q.18 Define baby dryer.
- Q.19 What is the function of sweat dryer?
- Q.20 What is the function of baby rolls?

SECTION-C

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

- Q.21 Define drying. Also explain the need of drying.
- Q.22 Explain in brief the constructional details of M.G. dryer.
- Q.23 Explain with next diagram the constant rate and falling rate drying.
- Q.24 Why is the function of embossing ? Explain Embosser in brief.
- Q.25 Explain working of rotary siphon used for removal of condensate in brief.

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