

- ### Section-D
- Note: Long answer type questions. Attempt any two question out of three Questions. (2x10=20)**
- Q.36 Explain with neat sketch the working and arrangement of multi-cylinder dryers used in newspaper mills.
- Q.37 Explain with neat sketch the working of blow through system used for the disposal of the condensate.
- Q.38 Explain the general practices for paper machine safety and recommended safety reminders.

(1) 180654/120854/030665

- Q.6 Sheet blackening is due to :
- High dryness
 - Excessive moisture
 - High crown
 - Low crown
- Q.7 Heat transfer occurs due to
- Concentration difference
 - Temperature difference
 - Potential difference
 - All
- Q.8 Pope reel works on the principle of
- Push
 - Friction
 - Smooth ness
 - Hardness
- Q.9 For calender paper dryer used is M.G.
- M.G. Dryer
 - M.F. Dryer
 - Drum Dryer
 - All
- Q.10 Rewinding is done for
- Production
 - Salvage
 - Both
 - None

Section-B

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

- Q.11 What is the function of spring roll?
- Q.12 Define function of baby dryer.
- Q.13 Define consistency.
- Q.14 Define humidity.

- Q.15 Define drying.
- Q.16 What is the function of rope carrier?
- Q.17 Write the two main functions of doctor blade.
- Q.18 Write main advantage of twin wire former over fourdrinier machine
- Q.19 Define dew point.
- Q.20 Write production formula.

Section-C

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

- Q.21 Explain in brief the working of calendering section.
- Q.22 Write the advantages of closed hood over open hood system.
- Q.23 Explain in with neat the working of cylinder dryer in brief.
- Q.24 Explain constant and falling rate period.
- Q.25 Explain the different factors affecting the rate of heat transfer in dryer section.
- Q.26 Define the need of dryer felts and its one to two advantages & disadvantage.
- Q.27 Define the reason of hard and soft spot and how can it be minimised.
- Q.28 Write the name of different operations in the finishing section.