

(1) 180636/120636/030636

Q.5 What is the main content of white liquor?

- a) NaOH b) Na₂O
- c) Na₂CO₃ d) Na₂SO₄

Q.6 Select parts of tree.

- a) Leaf b) Branch
- c) Stem d) All of above

Q.7 Select any one type of debarker.

- a) Carthage b) Drum
- c) Norman d) None

Q.8 What is lumen?

- a) Fiber b) Lignin
- c) Hollow space d) Acid

Q.9 Which among the following is grass fiber?

- a) Bamboo b) Pine
- c) Straw d) Cotton

Q.10 What does outer bark contain?

- a) Pitch b) Suberin
- c) Hardwood d) None

SECTION-B

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

Q.11 Define the term sulphidity.

Q.12 Which pulping does not require chemical?

Q.13 Explain bin storage.

Q.14 Name any type of chip storage.

Q.15 Write two derive units.

Q.16 What is the composition of hardwood?

Q.17 What is lignin?

Q.18 What is the time required to determine kappa number?

Q.19 Name fibrous raw material used for making paper.

Q.20 Which screen is used for removing knots?

SECTION-C

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

Q.21 What do you mean by chest capacity?

Q.22 Write the definition of kmNO₄ number.

Q.23 Explain soda process.

Q.24 How is waste paper processed?

Q.25 Defines extractives.