

- Q.28 What do you understand by plied yarn?
- Q.29 Write short note on knotting.
- Q.30 Why Pirn winding machines are not in use in modern industries?
- Q.31 Find Resultant count of yarn made by plying of two single yarn of 20's count.
- Q.32 Write note on yarn clearer.
- Q.33 Write about precautions to be taken during Drawing -in.
- Q.34 Draw material passage diagram of Pirn winding machine.
- Q.35 Describe any three faults with causes and remedies in winding.

SECTION-D

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

- Q.36 Why Tensioner is used during winding process. Explain various types of tensioners used with diagram.
- Q.37 Draw yarn passage diagram of Auto coner machine and describe its working.
- Q.38 What do you understand by Drawing -in. Write process control in Drawing-in.

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**3rd Sem / Text. Tech.
Subject:- Weaving Preparatory Processes - I**

Time : 3Hrs. M.M. : 100

SECTION-A

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

- Q.1 When each succeeding coil of yarn is placed exactly upon the previous coil in a package, the defect is called
 a) Ballooning b) Stitching
 c) Doubling d) Ribboning
- Q.2 Which of the following packages can have parallel winding?
 a) Ring Cop b) Flanged Bobbin
 c) Cone d) Cheese
- Q.3 Which of the following machine make use of splicing?
 a) Blendomat b) Auto coner
 c) Fly frame d) Scutcher
- Q.4 Waxing device is used in
 a) Winding machine b) Multiple box loom
 c) Drop box looms d) Pit looms

Q.5 In English cotton system, as the count increases

- a) Thickness of yarn increases
- b) Thickness of yarn decreases
- c) Thickness of yarn remains the same
- d) None of the above

Q.6 Which of the following is called Universal system?

- a) English count b) Tex
- c) Denier d) French count

Q.7 Relationship between Denier = Tex* _____

- a) 10 b) 11
- c) 9 d) 8

Q.8 In process of Drawing -in

- a) Faults present in warp yarns are removed
- b) Size material is applied
- c) Warp ends are passed through weaving elements
- d) None of above

Q.9 Full package stop motion is

- a) To start the machine winding head
- b) To stop the machine winding head
- c) To control tension of the package
- d) To control ribbon formation

Q.10 Pirn winding is used for

- a) Air jet looms b) Water jet looms
- c) Shuttle looms d) Rapier looms

SECTION-B

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

Q.11 What do you understand by Drawing in?

Q.12 Write name of any two faults in Pirn winding.

Q.13 Which yarn defect are removed in winding.

Q.14 Define Tex.

Q.15 Write two objectives of winding.

Q.16 What is a pirn.

Q.17 What is meaning of Slub?

Q.18 What is importance of Tensioner?

Q.19 Name any two defects produced during cone winding.

Q.20 What do you understand by winding angle?

SECTION-C

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

Q.21 Write short note on Traverse - ratio.

Q.22 Why balloon - breaker is used?

Q.23 Write about importance of winding process.

Q.24 Describe any two tensioning devices.

Q.25 What do you understand by Patterning?

Q.26 What is importance of Splicing?

Q.27 Write note on Parallel wound package.