

- Q.26 What is sloughing off?
  - Q.27 What is the importance of stop motion in winding?
  - Q.28 Why the tensioners are used in winding?
  - Q.29 Find out the resultant count when one end of 40s, 50s and 80s are twisted together?
  - Q.30 Differentiate direct count and indirect count
  - Q.31 List out the main feathers of auto coner.
  - Q.32 Draw the diagram of Disc type of tensioner and explain its working
  - Q.33 Explain indirect yarn numbering system.
  - Q.34 What are the objectives of Beaming?
  - Q.35 Name the different multiend packages

## **SECTION-D**

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

- Q.36 Compare slow speed, high speed and automatic cone winding machine.

Q.37 Write down the salient features of Auto coner. What are its advantages over conventional winding machine?

Q.38 Explain the high-speed pirn winding machine with neat and clean sketch

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**3rd Sem / Branch : Textile Technology**

## **Subject:- Weaving Preparatory Process - I**

Time : 3Hrs.

M.M. : 100

## **SECTION-A**

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

- Q.1 In \_\_\_\_\_ system finer the yarn, Lower the yarn number.

  - a) Direct
  - b) Indian
  - c) Indirect
  - d) None of them

Q.2 Cone drum is a \_\_\_\_\_ device

  - a) Winding
  - b) Warping
  - c) Spinning
  - d) Knitting

Q.3 \_\_\_\_\_ warping is most economical beaming process

  - a) Sectional
  - b) Direct
  - c) High speed
  - d) Beam

Q.4 Yarn Winding is the process of converting the smaller package into \_\_\_\_\_ package

  - a) Medium
  - b) Shorter
  - c) Larger
  - d) Very smaller

Q.5 Which is the supply package for cone winding ?

- a) Pirn
- b) Cheese
- c) ring bobbin
- d) Weavers beam

Q.6 1 lbs = \_\_\_\_\_ grams

- a) 4536
- b) 1000
- c) 453.6
- d) 9000

Q.7 In English count system hank is of \_\_\_\_\_.

- a) 500 meters
- b) 840 meters
- c) 1000 yards
- d) 840 yards

Q.8 \_\_\_\_\_ is the process by which the two ends of yarns are joined

- a) Splicing
- b) weaving
- c) Twisting
- d) Singeing

Q.9 \_\_\_\_\_ density package is produced in precision winding

- a) High
- b) Medium
- c) Low
- d) Average

Q.10 The objective of yarn clearer is to remove \_\_\_\_\_ faults from the supply package.

- a) Normal
- b) all
- c) small
- d) objectionable

## SECTION-B

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

Q.11 What is S Twist?

Q.12 Define warping

Q.13 What are standard atmospheric conditions for yarn testing ?

Q.14 What is the moisture regain of cotton and wool ?

Q.15 Define Moisture count.

Q.16 Define resultant count.

Q.17 Name two types of tensioners.

Q.18 Give one feature of high speed pirn winding machine ?

Q.19 What is Drawing in ?

Q.20 What is moisture regain of Silk and Polyester fibre?

## SECTION-C

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

Q.21 What are the objectives of winding ?

Q.22 Write the faults occurring during the pirn winding.

Q.23 Explain the working of Balloon-breaker in yarn winding.

Q.24 Write the precaution taken during drawing-in

Q.25 Define worsted count. write the formula for this count.