

- Q.27 Define twist. Write its types.
  - Q.28 How relative humidity is measured?
  - Q.29 What are the factors which affects the tensile property of textile.
  - Q.30 Explain the method of finding the count by Beeslay balance.
  - Q.31 What is the difference between the direct and indirect yarn numbering systems?
  - Q.32 What is the importance of humidity in textile material.
  - Q.33 What are the standard atmospheric conditions for a testing lab.
  - Q.34 What are the effect o twist on yarn properties?
  - Q.35 What is the importance of statistics in testing.

No. of Printed Pages : 4  
Roll No. ....

182751/122751/032751

## **5th Sem., Branch : Text. Proc., Text. Tech Subject : Textile Testing & Quality Control-I**

Time : 3 Hrs.

M.M. : 100

## **SECTION-A**

**Note: Multiple type Questions. All Questions are compulsory. (10x1=10)**

- Q.1 Moisture regain of silk is

  - a) 0.4%
  - b) 13%
  - c) 8%
  - d) 50%

Q.2 Which method is used to measure the yarn twist?

  - a) Twist-Untwist
  - b) Crock meter
  - c) Beesley balance
  - d) Cutter

Q.3 Pilling is defect of fabric which affect the \_\_\_\_\_ of fabric.

  - a) Strength
  - b) Appearance
  - c) Weaving
  - d) Fall

Q.4 Which is tex of 90 denier

  - a) 10
  - b) 50
  - c) 100
  - d) 180

Q.5 Name the instrument for measuring humidity:

- a) Wet and dry bulb hygrometer
- b) Crock meter
- c) Bisley balance
- d) Cutter

Q.6 What is the room temperature?

- a) 50C
- b) 0C
- c) 20C
- d) 27C

Q.7 Universal count system is \_\_\_\_\_.

- a) French
- b) Woolen
- c) English
- d) Tex

Q.8 Sampling technique for cotton fibre is \_\_\_\_\_.

- a) Squaring
- b) Zoning
- c) Hand sampling
- d) All of above

Q.9 MR Stands for \_\_\_\_\_.

- a) Morality ratio
- b) Material ratio
- c) Moisture regain
- d) None of these

Q.10 In English count system no. of hank is

- a) 100
- b) 400
- c) 840
- d) 90

### Section-B

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

- Q.11 Define sampling.
- Q.12 Define Moisture content.
- Q.13 Define relative humidity.
- Q.14 Give denier of 10tex.
- Q.15 Define direct count.
- Q.16 Define fineness.
- Q.17 What is maturity.
- Q.18 Name two types of twist.
- Q.19 What is the use of Beesley balance?
- Q.20 Define English count.

### Section-C

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

- Q.21 What are aims and scope of textile testing?
- Q.22 Differentiate between Random and Biased sampling.
- Q.23 How cleaning efficiency of any machine is calculated? Explain with formula.
- Q.24 Define fibre fineness. How it is important.
- Q.25 Define count and explain different indirect yarn numbering system.
- Q.26 What are the factor which affect the moisture regains?