No. of Printed Pages : 4
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222635

3rd Sem / Branch : Textile Processing
Sub.: Textile Physical Testing

Time : 3Hrs. M.M. : 60

SECTION-A

Note: Multiple choice questions. All questions are compulsory (6x1=6)

Q.1 Moisture regain of silk is

a) 0.4% b) 7%

c) 11% d) 17%

Q.2 Weight of water expressed as a percentage of oven dry weight of material is_____?

a) Moisture regain b) Moisture content

c) Relative humidity d) Turbidity

Q.3 Which among these has lowest value of moisture regain?

a) Cotton b) Polyester

c) Acetate d) Silk

Q.4 Waviness imparted to threads in a fabric is called_____.

a) Wear b) Pilling

c) Twist d) Crimp

Q.5 Smalls knots or balls accumulated at surface of fabric are called

a) Wear b) Pills

c) Crimp d) None of these

Q.6 Spray test is used to measure

a) Flame resistance b) Water resistance

c) Crease resistance d) Air resistance

SECTION-B

Note: Objective/Completion type questions. All questions are compulsory. (6x1=6)

Q.7 Define Moisture content.

Q.8 Define sample.

Q.9 Define E.P.I.

Q.10 Define Twist.

Q.11 Define Relative Humidity.

Q.12 Define Drape.

SECTION-C

Note: Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

Q.13 Name various objectives of Textile Testing.

Q.14 Write how sampling of fabric is done.

Q.15 Name and explain types of Twist.

Q.16 Name various fabric dimensions. How length is measured?

Q.17 Define crimp and how crimp of yarn is measured?

Q.18 Write how relative humidity is measured with wet & dry bulb thermometer?

Q.19 Explain briefly concept of pilling.

Q.20 Define fabric abrasion and write its types.

Q.21 How drape of fabric is measured with Drapemeter.

Q.22 Explain briefly meaning of fabric serviceability.

SECTION-D

Note: Long answer type questions. Attempt any two questions out of three questions. (2x8=16)

Q.23 Name different yarn numbering system with example. How count of yarn in a fabric is determined using Beesley's balance?

Q.24 Define water resistance of fabric. Describe how it is measured with spray tester.

Q.25 Explain the method of measurement of twist in single yarn along with diagram.