

Q.34 Write down the objectives of desizing, scouring and bleaching

Q.35 Write a short note on chlorination process.

#### SECTION-D

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

Q.36 Explain the purpose and working of shrinking unit in sanforizing machines with the help of a diagram

Q.37 Explain working of an effluent treatment plant for cotton textile industry.

Q.38 Write short note on

- a) Resin treatment
- b) Latest developments in finishing

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#### 6<sup>th</sup> Sem / Textile Design Subject:- Textile Finishing

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

Q.1 Process house waste / pollutants are treated in....plant

- a) CRP
- b) ETP
- c) Both A & B
- d) None of these

Q.2 Calendering is an example of....finih

- a) Permanent
- b) Temporary.
- c) Chemical
- d) None of these

Q.3 Anti-crease finish is generally given to ....material ?

- a) Cotton
- b) Wool
- c) Silk
- d) None of these

Q.4 The cross linking agent used in crease Resistant finishing is/are

- a) DMU
- b) DMEU
- c) Both A & B
- d) None of these

Q.5 The process of giving Dimensional stability to synthetic fabric is called ....?

- a) Scouring
- b) Bleaching
- c) Heat Setting
- d) None of these

- Q.6 The machine used to prevent shrinkage in cellulosic material is.....  
 a) Stenter                    b) Sanforizer  
 c) mangle                    d) None of these
- Q.7 ....Finish blocks both water and air to pass through the treated fabric  
 a) Water Proof              b) Water Repellent  
 c) Soil proof                d) None of these
- Q.8 Rot/Mildew proofing finishes are....finish  
 a) Mechanical              b) Chemical  
 c) Both A & B             d) None of these
- Q.9 In.....calendering, higher speed of top bowl results in higher gloss in material  
 a) Chasing                  b) Friction  
 c) Swizzing                 d) None of these
- Q.10 Crabbing is a setting process of.....Material  
 a) Cotton                    b) Woollen  
 c) Silk                      d) None of these

### **SECTION-B**

- Note:** Objective type questions. All questions are compulsory. (10x1=10)
- Q.11 Write down the chemical name of DMU?
- Q.12 Which type of finish is given to the ropes and tents used by army and clothes of fire fighters?
- Q.13 Name the type of finish is given on umbrella/ rain coats?
- Q.14 Name the fabrics that require Heat setting treatment.
- Q.15 Name the chemical used in Mercerization process?

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- Q.16 .....is known as the Universal Bleaching agent ?
- Q.17 Write the objective of Moth Proofing finish ?
- Q.18 What are examples of Durable finish ?
- Q.19 Define Decatising .
- Q.20 ....bonds are formed between cellulose during Crease Formation process(Hydrogen/Covalent)

### **SECTION-C**

- Note:** Short answer type questions. Attempt any twelve questions out of fifteen questions. (12x5=60)
- Q.21 Write a short note on heat setting treatment.
- Q.22 Write down the mechanism of imparting Anti crease Finish.
- Q.23 Write down the different types of calendering and their objectives.
- Q.24 Classify different type of finishes with the help of a chart and suitable examples ?
- Q.25 Write down finishes involved in Setting of wool.
- Q.26 Write down the process of Universal calendering machine
- Q.27 Write down the process mildew proofing.
- Q.28 Write down the process of Decatising and crabbing ?
- Q.29 Write down the mechanism involved in giving soil release finish.
- Q.30 Write Short note on water repellent finishes .
- Q.31 Write Short note on wash and wear finish
- Q.32 Write Short note on Flame retardant finish
- Q.33 Write down the objectives of calendering process and mention its types .

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