

--	--	--	--	--	--	--	--	--	--

B. TECH.**THEORY EXAMINATION (SEM–VI) 2016-17****TECHNOLOGY OF FINISHING – 1****Time : 3 Hours****Max. Marks : 100****Note : Be precise in your answer. In case of numerical problem assume data wherever not provided.****SECTION – A****1. Attempt all of the following questions:****10 x 2 = 20**

- (a) Give name of any four weighting materials.
- (b) Which fibre is related with the term “scroop”?
- (c) What is meant by swizzing effect?
- (d) Why antimicrobial finishes are required?
- (e) Stone wash effect is produced in..... in fabrics.
- (f) Milling is done in fabrics(woollen/ Worsted)
- (g) What is Blow ratio?
- (h) What are advantages of radio frequency drying?
- (i) Name any two stiffening agents
- (j) Why resins are used in finishing?

SECTION – B**2. Attempt any five of the following questions:****5 x 10 = 50**

- (a) What is the object of finishing? Give principles for cotton and wool finishing. Name various type of finishes employed for cotton.
- (b) Give broad classification of various finishes with examples.
- (c) Which finishes are required for linen fabric? Discuss by giving principle of linen fabric finishes.
- (d) Why stiffening of fabric is required. How it is carried out?
- (e) Write a note on foam technology of finishing?
- (f) Explain about following:-
 - (i) Parchmentsing
 - (ii) Felting
- (g) Define the term creping. How creping is introduced in rayon.
- (h) Discuss functions of stenter by suitable diagram?

SECTION – C**Attempt any two of the following questions:****2 x 15 = 30**

- 3. What are the fundamentals of silk finishing? Discuss developments in mechanical and chemical finishing of silk..
- 4. Describe chief process for imparting permanent setting to woollen fabric.
- 5. How will you define a softener? Classify various softeners. Give broad classification of Cationic softeners with advantages, disadvantages and applications.