



RM-7873

B. E. IV (Sem. VIII) (T.P.) Examination

May / June – 2010

Technology of Finishing - II

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशावेष निशानीवाणी विगतो उत्तरवडी पर अवश्य लभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="checkbox"/> B. E. 4 (Sem. 8) (T.P.)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> Technology of Finishing - 2	<input type="text"/>
<input type="checkbox"/> Subject Code No. : <input type="text" value="7"/> <input type="text" value="8"/> <input type="text" value="7"/> <input type="text" value="3"/> <input type="checkbox"/> Section No. (1, 2,.....) : <input type="text" value="1&2"/>	<input type="text"/>
	Student's Signature

- (2) Answers to the **two** sections must be written in **separate** answer books.
- (3) Figures to the **right** indicates full marks.
- (4) Tie **two** sections separately.

SECTION I

Q.1 a) Answer the following **objective** questions. (10)

- Define heat setting.
- Heat setting temperature should be _____ than the process temperature.
- Steam has _____ heat transfer capacity than air.
- Rapid heat setting is carried out in the mixture of _____ and _____.
- Heat transfer in cylinder drying take place through _____.
- Relaxation of twist results into _____ of yarn.
- Water act as _____ during aqueous heat setting of Nylon.
- During aqueous or steam heat setting, fabric under goes oxidative degradation. True or False. Justify.
- Knitted goods are mostly heat set at _____ stage.
- Drum dryer is also known as _____.

- b) Describe with neat diagram the working of festoon dryer. (10)
- Q.2** a) Describe the influence of various factors on heat setting. (10)
- b) Explain the mechanism of heat setting. (05)

OR

- Q.2** Discuss the technological aspect of creping. (15)
- Q.3** Write short notes on **any three** of the following (15)
- a) Rapid heat setting
- b) Butti dryer
- c) Heat setting with dry heat.
- d) Effect of heat setting on dye uptake.

SECTION II

- Q.4** a) Answer the following objective questions. (10)
- i) What is spun glass finish?
- ii) Define Felting shrinkage.
- iii) In grease milling the concentration of soda ash is _____.
- iv) Drisol is a process of _____.
- v) Woolen fabrics are set by a rearrangement of _____ bonds.
- vi) In schreiner calendar how many lines are engraved per c.m.?
- vii) What is Spout?
- viii) The ledger blade is used in _____ machine.
- ix) The soap concentration for soap milling is _____.
- x) Give the name of different Raising machines.
- b) What is damping? Describe different damping machines with neat diagram. (10)

Q.5 What is milling? Explain various processes for milling of wool in detail. **(15)**

OR

Q.5 Explain the principle of compressive shrinkage. Describe Sanforising and Rigmel finishing process in detail with neat sketch. **(15)**

Q.6 Write short notes on **any three** of the following. **(15)**

- a) Shearing
- b) Chasing calendar
- c) Napping
- d) Potting