Date: 29.12.2020

Instructions:
1. Attempt any Six questions out of which Q.1 is Compulsory
2. Answer each next question on new page
3. Figures to the right indicate full marks
4. Illustrate your answers with neat sketches & flow charts wherever necessary
5. Use of non-programmable electronic pocket calculator is permissible
6. Mobile and any other communication devices are not allowed in the Examination hall.
7. Assume suitable, data wherever necessary

Q1 a Describe Specialty yarn and differentiate the specialty yarn with conventional yarn. 10
     b Describe texturization of yarn with reference to specialty yarn. 10

Q2 a Write a note on fancy yarns 08
     b Discuss with flow chart finishing of sewing thread 08

Q3 a Describe the classification of yarns. 08
     b Discuss about different types of sewing threads 08

Q4 a Discuss stuffer box process texturing process. 08
     b Write a note on texturing of non-thermoplastic polymeric yarns. 08

Q5 Discuss briefly different types of twines in relation to their end use 16

Q6 Write a note on Manufacture of tyre card and their quality with special reference to application. 16

Q7 Write a note on hosiery yarns meant for producing various knitted items 16

Q8 Describe the process of manufacturing core spun yarn. Comment on their use 16

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