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Roll No

TX-803 (GS)
B.E. VIII Semester Examination, June 2020
Grading System (GS)
Textile Mill Planning and Management
Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.
ii) All questions carry equal marks.

1. Prepare a spin plan on 20's carded cotton for a spinning mills having 25,000 spindleage capacity. Assume norms as per your choice.
2. What air washer/humidifier? What are the major component required for air conditioning? How the efficiency of a washer can be calculated?
3. a) What is plant layout and what are the objectives of good plant layout? Explain.
b) Write a short note on machine layout.
4. Draw a weave plan for a modern weaving mills producing 50,000 meter shirting fabric per day. Assume standard norms for the calculation.
5. Prepare a spin plan for the production of 2000 Kgs of 24 Ne combed yarn.
6. What is Air Conditioning system in Textile mills? What is the effect of humidity? Write down the principle of air conditioning of a Textile plant.
7. Describe the return system used in a textile mills with a neat sketch with their advantages and disadvantages.
 - a) Overhead supply underground return.
 - b) Underground supply overhead return.
8. Write short notes on :
 - a) Fabric filter to eliminate dust
 - b) Type of lightings
 - c) Temperature and RH at various section of a Textile mills
 - d) Importance of leveling

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