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Roll No

TX-803-GS

B.E. VIII Semester

Examination, December 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.

iii) Use neat sketch.

1. a) Classify various roof design of a factory building. Also classify the types of machine foundations.
b) How the noise and vibrations level of a Textile mills can be controlled?
2. Draw a spin plan for a 25,000 spindleage capacity spinning mills on 20^s Ne carded count. Assume standard norms for the calculation.
3. Draw a weave plan for a modern weaving mills producing shirting material of 25,000 meter per shift of 8 hours, use standard norms.
4. a) What is levelling of machines? What are the importance of levelling? What are the components required for levelling
b) How you will be doing the erection of Textile machine.

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5.
 - a) Explain work study, method study and work measurement.
 - b) What are the protections are to be taken against the generation of noise and vibration?
6. Write short note on the following:
 - a) Various types of plant layout
 - b) Temperature and RH chart at various section of a Textile mills.
 - c) Gravitational particulate emission
7.
 - a) What is standard level of dust and type of dust found in a textile mills?
 - b) Explain the working a fabric filter dust control mechanism.
8.
 - a) Explain the various factors influencing the generation of even illumination.
 - b) Write short notes on:
 - i) Levelling
 - ii) Type of lighting
 - iii) Snap study
