

Roll No

TX-803 (GS)
B.E. VIII Semester
Examination, November 2019
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. a) State the factors affecting the selection of a site for a Textile Mills. 8
b) Compare the advantages and disadvantages in selecting the site in urban or rural area. 6
2. Prepare a spin plan on 20's carded cotton for a spinning mills having 25,000 spindle capacity. Assume norms as per your choice. 14
3. Draw weave plan for a modern shuttle less weaving mills having 300 looms capacity polyester/viscose blended shirting material. Assume norms as per your choice. 14
4. a) State the principle of air-condition of a textile plant. 7
b) List the temperature and humidity level as maintained in a textile spinning and weaving plant. 7

5. Describe the return system used in a textile mills with a neat sketch with their advantages and disadvantages.
a) Overhead supply underground return. 7
b) Underground supply overhead return. 7
6. a) What are standard dust levels are to be maintain in a textile mills? 7
b) Describe a method to reduce the dust (particulate) level. 7
7. a) Describe the factors affecting the illumination level of light. 7
b) Give the standard illumination level in lux or foot candle for a textile plant having various section or department. 7
8. Write short notes on : $4 \times 3.5 = 14$
i) Snap study
ii) Erection of textile machinery
iii) Various layout
iv) Work study.
