B. TECH.

(SEM. VI) EXAMINATION. 2006-07

CARPET MANUFACTURING - II

Time : 3 Hours] [Total Marks : 100

Note : (1) Attempt all questions.
(2) All questions carry equal marks.

1 Attempt any two parts of the following :
   (a) Describe the scissors, pile separator, steel teeth comb and embossing hand tools used in carpet finishing.
   (b) Write a short note on packing of carpet.
   (c) Describe the care and maintenance of carpets.

2 Attempt any two parts of the following :
   (a) What are the different styles of printing? Describe the jet printing system of carpets.
   (b) Discuss any one of the twist setting process in detail.
   (c) What are the types of yarn used in machine made carpets? Write about the count of yarn used in carpets.
3 Attempt any **two** parts of the following:
   (a) Write a note on the formation of ground weave in Axminster carpets.
   (b) Discuss the machine made tufted cut pile carpet.
   (c) Describe the principle of wireloom weaving.

4 Attempt any **two** questions:
   (a) Describe the machine layout and mechanism of a carpet loom.
   (b) What are the faults arising in machine made carpets? Discuss ways of their source and elimination.
   (c) Discuss the modern developments in automatic carpet loom.

5 Attempt any **two** parts of the following:
   (a) Discuss the production of a needle punched carpet.
   (b) Write a note on adhesive bonded carpets. Describe any one i.e. U-tuft or I-tuft in detail.
   (c) Describe the production of knitted carpets.