

Mansoura University	Exam. of weaving technology (3) For 4 th year Textile Dept.	First Semester
Faculty of Engineering		Date : 24/1/2012
Textile Department		Time : 90 min Mark (30)

Answer All The Following Questions:

- 1- Explain the method of producing face to face pile fabric by a cross-section in carpet weaving machine and show the structure of pile, ground and back yarns by a fabric cross-section. **(6 Marks)**
- 2- Explain with illustrations the principle of operation of weft feeders in air jet and rapier weaving machines. **(6 Marks)**
- 3- Explain by diagrammatic sketches the developments in jacquard mechanisms starting with the mechanical control stage to the electronic jacquard. **(6 Marks)**
- 4- Explain with illustrations the principle of electronic let-off and take-up on the new weaving machines. **(6 Marks)**
- 5- Explain by diagrammatic sketches the developments in dobby mechanisms starting with the mechanical control stage to the electronic dobby. **(6 Marks)**

With my best wishes
Dr. Ahmad Samy El-Deeb