

This Exam measure the following llos, a.8, a.13, b.2, b.18, c.5, and d.3f

السؤال السادس لطلاب شعبة هندسة الإنتاج والتصميم الميكانيكي فقط

Question no. One (15 Mark)

- a- What is the materials handling?, draw flowchart of material handling system equation.
- b- What are the goals of materials handling, and what are the requirements of a good materials handling system?
- c- Designed materials handling system attempts to achieve something, discuss.

Question no. Two (15 Mark)

- a- What are the negative aspects of materials handling should not be overlooked?
- b- The classifications of unit load based on some factors, discuss.
- c- What are the advantages and disadvantages of unitization and handling of unit loads?

Question no. Three (15 Mark)

- a- Discuss in details the data (materials, move, and method) which should be available to handle a materials?
- b- Discuss in details the materials handling equipment from point of moving, utilizer, and container.

Question no. Four (15 Mark)

- a- With net drawing discuss the unit load design
- b- Unitized loads are grouped into five basic types, explain

Question no. Five (10 Mark)

Discuss in details the ten principles of Materials Handling.

Question no. Six (5 Mark)

You are going to construct a company for seafood industry. Design all systems of materials handling in your company, including requirements of study, equipment of materials, systems, and all others needs

Good Luck