


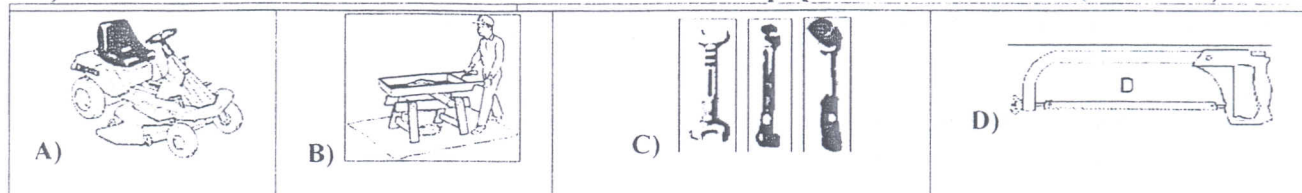
لغة عربية

<p>Mansoura University</p>  <p>Faculty of Agric. Agric. Eng. Department</p>	<p>Final Second Term Exam. On <i>English for Specialists</i> For First Level Students Program of Biosystems and Agriculture Engineering</p>	Exam Date 31/05/2015
		Course Code (Unv.103)
		Total Marks 80
		Credit hour:- 2 hours

Please, answer the following questions

First Question.....(40 marks)

1) Write the names and functions for each of the show equipment and tools(20 Marks)



2) Write on the areas, and the perimeters for each of the following figures:-(20 Marks)



Second Question (20 Marks)

Complete each of the following sentences

- 1) The process of removing moisture content from farm product is defined as:
- 2) The process of removing bran and germ from brown rice is defined as:
- 3) The techniques that farmers use to get more-efficient surface-irrigation are:..., ..., and.....
- 4) An irrigation system has a motor to move a metal frame in a big circle is defined as:
- 5) Implements designed mainly to perform agricultural operations are defined as
- 6) Vehicles designed mainly to supply power to agriculture machinery are defined as
- 7) The SI unit of Force is..... and the unit of Energy is.....while the unit of Power is.....
- 8) The major properties of liquids are:,,,and.....
- 9) Engines can be classified according to the fuel type into the following: -
- 10) The measuring tool that used in a workshop to measure small gaps is defined as:

Third Question (20 Marks)

(A) Translate the following paragraph to English (8 Marks)

في محركات المركبات يصفة عامة لا تتحول كل الطاقة الكامنة في الوقود الى طاقة نافعة ، حيث تغد كميات كبيرة من الطاقة الناتجة من احتراق الوقود على هيئة فواقد الاحتكاك وفواقد غازات العادم وفواقد اجهزة تبريد المحرك وتسمى النسبة بين الشغل الميكانيكى النافع للمحرك الى طاقة الوقود الكامنة بالكفاءة الحرارية للمحرك.

(B) Translate the following paragraphs to English (12 Marks)

(1) The available sources of farm power are classified as: Human power sources, Animal power sources, Mechanical power-sources (tractors; self propelled machines; and heat engines), Electric power sources, and Renewable energy sources (such as Biogas energy, Solar energy and Wind energy) (6 Marks)

(2) Drip irrigation is one of the more advanced irrigation systems. it is more efficient for certain crops than flood and traditional spray irrigation systems. In drip irrigation water is sent under low pressure, and run through plastic pipes (with holes in them).These pipes are either laid along the rows of crops or even buried along plant root lines..... (6 Marks)

Good Luck ;;;

Prof Dr A F Abou EL-Magd