



كلية المشرق للعلوم والتكنولوجيا
امتحانات الفصل الدراسي (2) – 2009 /2008 م

المستوى : الأول
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الزمن : ساعتان

Answer only five questions

Q1 Define the following

- Work
- Energy
- Electrical potential
- Magnetic field
- Resistor

Q2

- What the main difference between Electronic Engineering and Telecommunication Engineering
- What is the importance of electromagnetic wave in Telecommunication?

Q3

- Write the factor that affecting the value of resistance
- A wire with 2m length, 0.09m^2 cross sectional area and 0.00045ρ find it's resistance?

Q4

Give an example and draw

- Block diagram
- Circuit diagrams
- Wire diagrams

Q5:

Find the resultant force of the forces f_1, f_2, f_3, f_4 and it's direction as in the fig(2)

