

# **King Fahd University of Petroleum and Minerals**

## **University Diploma Programs**

### **Electronic Equipment Maintenance**

#### **EET-029: Introduction to Communications**

### **Home Work # 10**

1. What is multiplexing? What are the two basic forms of multiplexing?
2. Show diagrammatically and with an explanation, how channels are combined into groups, and groups into supergroups, and so on, when FDM is generated in a practical system.
3. Explain the principles of time-division multiplex, with a sketch to show how the interleaving of channels takes place.