

共六題

1. What is ECG? Design a pulse meter based upon the ECG measurement.(15%)
2. What is transducer? Give three examples currently used in biomedical application.(15%)
3. Describe the mechanism for the ultrasound flowmeter in the measurement of blood flow.(20%)
4. Describe the biomechanical characteristics and functions of FEMUR according to its shape and bone tissues.(20%)
5. What is Rehabilitation Engineering/Assistive Technology?. List three areas in this field, explain briefly and describe its importance.(15%)
6. Simply describe the applications of fluid mechanics to biomechanics.(15%)