

1. Explain following sensor properties and their importance in healthcare: range, resolution, speed of change, reproducibility, sensitivity.
2. What challenges are there in electrochemical measurement of molecules in complex biological matrices?
3. Explain the principle of Laser-Doppler blood flow rate measurement.
4. What challenges and limitations are there when sending video feed wirelessly from colon to outside body?

(exam paper was not allowed to take out of exam, these questions were reconstructed out of memory after exam)