

ASSIGNMENT-I

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1. What is resting potential, action potential and bioelectric potential?
2. What are 4 factors to be consider while designing a medical instrument?
3. What is electrode potential?
4. What is the purpose of electrode paste?
5. Give the name of different types of surface electrode?
6. What is defibrillator?
7. What are the characteristics of DC amplifier?
8. Name the parameters that decide transducer capability?
9. Name the two components of any transducer?
10. What is meant by rosette?
11. What are the different methods of simulation?
12. Discuss the differences between micro electrode and needle electrode?
13. Explain the differences between surface electrode and needle electrode?
14. What is unipolar and bipolar system in ECG measuring system?
15. Give the names of 4 application area of micro electrode?