**Question Bank\_BBS01T1008 (Biology for Engineers)**

Q.1. What are properties, applications and function of ECG, EEG and EMG bioelectrode.

Q.3. Discuss about the working and significance of pulse oximeter.

Q.4. Discuss about the different fetal monitoring techniques and instruments and list their significance.

Q.5. What type of synapse are formed between axon and dendrite?

Q.6. What is: i) Resting Membrane Potential ii) Action Potential (iii) Threshold membrane potential.

Q.7. What is mean by IPSP and EPSP?

Q.8. Expalin: i) ECG ii) EEG and (iii) EMG

Q.9. What are bioelectric signals?

Q.10. List an electrode used for each of these techniques: i) ECG ii) EMG

Q.11. Identify the body part diagnosed by each of these diagnostic techniques/instrument: i) ECG ii) EMG iii) EOG iv) EEG v) oximeter

Q.12. Identify the following terms: i) DFMC ii) NST iii) CST iv) USG

Q.13. What are bioelectrodes. List 3 properties and applications of bioelectrode.

Q.17. How bioelectric signals are genereated?

Q.18. Draw the structure ECG pulse.

Q.19. How signals are transfer from one neuron to neuron.

Q.20. Name the different types of channel exist in cell membrane.

Q.21. What is polarization, depolarization and repolarization of cell?

Q.22. What are junction gaps?