

- Q.5 Glucometer is used to measure_____.
- a) Blood Pressure b) Blood Glucose
c) Body Temperature d) None of these
- Q.6 Surface electrode can be used to sense_____
- a) ECG Potential b) EEG Potential
c) Both A & B d) None of these
- Q.7 Delta Signal is associated with_____.
- a) ECG b) EEG
c) EMG d) ERG
- Q.8 Which circuitry receives the modulated signal.
- a) Receiver b) Transmitter
c) Antenna d) None of these
- Q.9 Pacemaker consists of_____.
- a) Pulse generator b) Electrodes
c) Both A & B d) None of these
- Q.10 For an engineer the cardiovascular system can be viewed as_____.
- a) Hydraulic System b) Pneumatic System
c) Both A & C d) None of these

Section B

Note: Objective types Questions. All Questions are compulsory. (10x1=10)

- Q.11 Define electrode.
- Q.12 Accuracy is a measure of systematic error T/F.
- Q.13 Blood pressure range of a health person is _____.
- Q.14 Expand ECG.
- Q.15 _____ Electrode is used for ECG.
- Q.16 Signal to noise ratio be as high as possible. T/F
- Q.17 Expand CICU.
- Q.18 Mention are material for manufacturing of electrode.
- Q.19 The respiratory system is the Major Hydraulic system of the body. T/F
- Q.20 The bio Chemical system is the communication network for the body. T/F

Section-C

Note: Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)

- Q.21 Write a short note on development of biomedical instrumentation.
- Q.22 Explain cardiovascular system of human being.
- Q.23 Discuss contact impedance.
- Q.24 Describe block diagram of ECG machine.