



- Q.4 The material used in limb surface electrode is
- a) Gold                              b) Copper  
c) Platinum                        d) German silver
- Q.5 Which instrument is used for listening heart sounds?
- a) Stethoscope                    b) Endoscope  
c) Colonscope                    d) Protoscope
- Q.6 Which is called Natural Pacemaker?
- a) Aorta                              b) SANode  
c) AVNode                        d) Bundle of HIS

### SECTION-B

**Note:** Objective/ Completion type questions. All questions are compulsory. (6x1=6)

- Q.7 What is called Natural Pacemaker of body?
- Q.8 What do you mean by SPO<sub>2</sub>?
- Q.9 What is Tidal Volume?
- Q.10 Electrode
- Q.11 Systole
- Q.12 Expand NIBP

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### SECTION-C

**Note:** Short answer type questions. Attempt any eight questions out of ten questions. (8x4=32)

- Q.13 Write a short note on blood pressure measurement by direct method.
- Q.14 Explain central monitoring system.
- Q.15 Write a note on Brain waves.
- Q.16 Explain different body potential & explain generation of bio-potential in body.
- Q.17 Write a short note on noise in medical instrumentation.
- Q.18 Explain bed side monitor with diagram.
- Q.19 Explain Einthoven's Triangle with diagram.
- Q.20 Explain EMG with block diagram.
- Q.21 Write a note on muscular system & its functions.
- Q.22 Explain various electrodes used in EEG measurements.

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