

- Q.5 Pacemaker is a _____ device.
- a) Measurement b) Treatment
c) Diagnostics d) None of these
- Q.6 In ECG amplitude of P wave is _____.
- a) 0.35 mv b) 0.25 mv
c) 1.60 mv d) None of the above
- Q.7 The value of resting potential is _____
- a) -60 mv to + 100 mv b) -60 mv to -100 mv
c) +20 mv to + 30 mv d) None of these
- Q.8 PICU stands for _____.
- a) Pediatric intensive care unit
b) Personal intensive care unit
c) Program intensive care unit
d) None of these
- Q.9 Respiratory system is also called as _____ system
- a) Pneumatic b) Hydraulic
c) Chemical d) Electrical
- Q.10 Stimulus may be _____.
- a) Auditory b) Visible
c) Both a & b d) None of the above

SECTION-B

Note: Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 Define bio metrics.
- Q.12 Cell in resting state is called polarized cell. (True/False)
- Q.13 The EMG signal frequency range is 100 Hz to 3 KHz. (True/False)
- Q.14 Pre-amplifier has high CMRR. (True/False)
- Q.15 The heart rate is controlled by the impulse from the SANode. (True/False)
- Q.16 Define accuracy.
- Q.17 Define action potential.
- Q.18 Define embedded system.
- Q.19 _____ System is also called as hydraulic system
- Q.20 Expand NIBP.

SECTION-C

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

- Q.21 Write a short note on research and clinical instrumentation.
- Q.22 Discuss nervous system of human being.