



- Q.6 Kortkoff sound is produced by measurement of \_\_\_\_\_
- a) Blood sugar                      b) Blood pressure  
c) Body temperature              d) None of the above
- Q.7 The value of action potential is \_\_\_\_\_
- a) +20 mv                              b) +100 mv  
c) -50 mv                              d) -20 mv
- Q.8 CICU stands for \_\_\_\_\_
- a) Cure intensive care unit  
b) Coronary intensive care unit  
c) Care intensive care unit  
d) None of these
- Q.9 Cardiovascular system is also called as \_\_\_\_\_ system.
- a) Pneumatic                          b) Hydraulic  
c) Chemical                           d) Electrical
- Q.10 Preamplifier must have \_\_\_\_\_
- a) High gain  
b) Low noise characteristics  
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 medical instrumentation.
- Q.12 Cell in action state is called depolarized cell. (True/False)

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- Q.13 The body functions are conducted by Nervous system. True/False
- Q.14 Expand CMRR.
- Q.15 The heart consists of four chambers and four valves. True/False
- Q.16 Define resolution.
- Q.17 Define resting potential.
- Q.18 Define telemedicine.
- Q.19 \_\_\_\_\_ system is also called as pneumatic system.
- Q.20 Expand ICU.

### SECTION-C

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

- Q.21 Write a short note on in-vivo and in-vitro measurement.
- Q.22 Discuss bio-chemical system.
- Q.23 Draw and explain action potential.
- Q.24 Describe pacemakers.
- Q.25 Describe ICU.
- Q.26 Write a short note on computer application in bio-medical devices.
- Q.27 Discuss bio-medical instrumentations.
- Q.28 Explain respiratory system.

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