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- a. Increased intra gastric pressure
- b. Acidity in first part of duodenum
- c. Osmolaritry of gastric chime entering duodenum
- d. All of above
- 4. Cardiac muscle is not tetanisable because it has
 - a. Specialised conductive tissues
 - b. Intercalated disc
 - c. Long refractory period
 - d. AV nodal delay
- 5. Sympathetic stimulation to the heart would cause following effects
 - a. Positive chronotropic & inotropic
 - b. Positive inotropic & negative dromotropic
 - c. Negative bathmotropic & positive chronotropic
 - d. Negative chronotropic & positive inotropic
- 6. The most important mechanism in balancing the output of the two sides of the heart is
 - a. Marey's reflex
 - b. Bainbridge effect
 - c. Laplace effect
 - d. Frank-starling effect
- 7. GFR can be increased by
 - a. Increased arterial blood pressure
 - b. Increase plasma protein concentration
 - c. Efferent arteriolar dilation
 - d. Afferent arteriolar constriction
- 8. Each act of swallowing is associated with
 - a. Stoppage of breathing
 - b. Increased heart rate
 - c. Approximation of vocal cord
 - d. All of the above
- 9. Which of the following is not a calcium binding protein
 - a. Troponin
 - b. Calmodulin
 - c. Calsequetrin
 - d. tropomyosin
- 10. Rheobase is defined as
 - a. Minimum time required to excite the tissue
 - b. Minimum voltage required to excite the tissue
 - c. Minimum voltage required to excite the tissue when double than the chronaxie is applied
 - d. Minimum time required to excite the tissue when double voltage is given

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