

# Tissue response to agonist

## (Pre- and post-test)

1. What should be the length of ileum for experimenting drug response?
  - a) 1.5 cm
  - b) 2.5 cm
  - c) 3.5 cm
  - d) 4.5 cm
2. Which of the following statement is true?
  - a) Cecal end is tied to the tissue holder and gastric end to the plasticine
  - b) Cecal end tied to the tissue holder and gastric end to the writing end of lever
  - c) Cecal end is tied to the plasticine and gastric end to the tissue holder
  - d) Tissue end identification is not necessary for this experiment
3. To perform experiment with guinea pig ileum which of the following solution is preferred?
  - a) Normal saline
  - b) Distilled water
  - c) Tyrode's solution
  - d) Cholera saline
4. Where you have to write down the strength of experimental agent?
  - a) In a paper
  - b) In kymograph
  - c) In laptop
  - d) Anywhere
5. Which of the following statement is true?
  - a) Temperature of the inner and outer bath should be same
  - b) Temperature of the inner bath should be higher than the outer bath
  - c) Temperature of the inner bath should be lower than the outer bath
  - d) Temperature of the outer bath is not important
6. What is the role of plasticine in this experiment?

- a) Attachment of tissue end
- b) Fix the position of kymograph drum
- c) Keep the lever in position
- d) Attach the lever with the stand

7. What should be the magnification for guinea pig ileum?

- a) 4-6 times
- b) 5-10 times
- c) 10-15 times
- d) 15-20 times

8. What should be the contact time for guinea pig ileum?

- a) 30 sec
- b) 40 sec
- c) 50 sec
- d) 60 sec

9. Tissue holder can also be used as a source of oxygen supplier. T/F

10. Contact time is same for all experimental tissues. T/F