

**LPUNEST – Ph.D. Entomology  
(Sample Question)**

- QUESTION 1**      Father of Insect Physiology
- Option A      Carl Linneaus  
Option B      V.B. Wigglesworth  
Option C      Aristotle  
Option D      Antoinio Berlese
- QUESTION 2**      The sequence of different layers in epicuticle from outside is
- Option A      Cement layer- polyphenol layer- cuticulin layer- wax layer  
Option B      Cement layer- wax layer- cuticulin layer- polyphenol layer  
Option C      Wax layer- cuticulin layer- polyphenol layer- cement layer  
Option D      Cement layer- wax layer- polyphenol layer- cuticulin layer
- QUESTION 3**      Juvenile hormone is secreted by
- Option A      Neurosecretory cells  
Option B      Prothoracic cells  
Option C      Corpora allata  
Option D      Corpora cardiaca
- QUESTION 4**      A respiratory system in which all 10 pairs of spiracles are functional is called
- Option A      Holopneustic  
Option B      Peripneustic  
Option C      Hemipneustic  
Option D      Propneustic
- QUESTION 5**      Alimentary canal is larger in
- Option A      Carnivorous  
Option B      Parasites  
Option C      Predators  
Option D      Phytophagous insects

