



BIOLOGY

NCERT - NCERT BIOLOGY(TELUGU)

STRUCTURAL ORGANISATION IN ANIMALS



1. Answer in one word or one line.

(i) Give the common name of Periplaneta

americana.

(ii) How many spermathecae are found in earthworm?

(iii) What is the position of ovaries in the cockroach?

(iv) How many segments are present in the

abdomen of cockroach?

(v) Where do you find malphigian tubules?

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- 2. Answer the following
- (i) What is the function of nephridia?
- (ii) How many types of nephridia are found in

earthworm based on their location ?



3. Draw a labelled diagram of the reproductive

organs of an earthworm.



4. Draw a labelled diagram of alimentary canal

of a cockroach.

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5. Distinguish between the following					
(a) Prostomium and peristomium					
(b)	Septal	nephridium	and	pharyngeal	
nephridium					

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6. What are the cellular components of blood?



7. What are the following and where do you find them in animal body

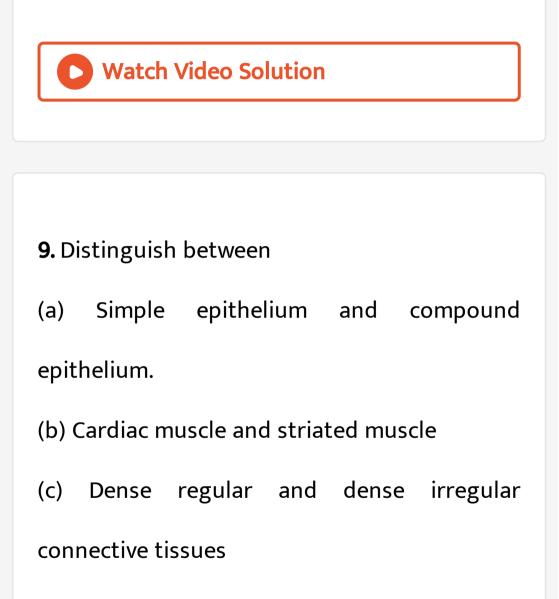
(a) Chondriocytes

(b) Axons

(c) Ciliated epithelium

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8. Name the types of epithelial tissue.



(d) Adipose and blood tissue

(e) Simple gland and compound gland



- **10.** Mark the odd one in each series:
- (a) Areolar tissue, blood, neuron, tendon
- (b) RBC, WBC, platelets, cartilage
- (c) Exocrine, endocrine, salivary gland, ligament
- (d) Maxilla, mandible, labrum, antennae

(e) Protonema, mesothorax, metathorax, coxa



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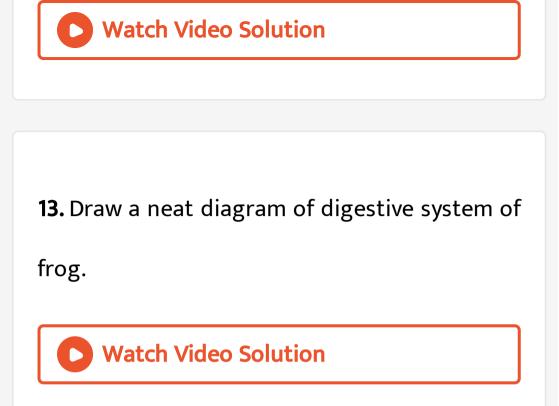
11. Match the terms in column I with those in

column II:

Column I	Column II			
(a) Compound epithelium	(i) Alimentry canal			
(b) Compound eye	(ii) Cockroach			
(c) Septal nephridia	(iii) Skin			
(d) Open circulatory system	(iv) Mosaic vision			
(e) Typhlosole	(v) Earthworm			
(f) Osteocytes	(vi) Phallomere			
(g) Genitalia	(vii) Bone			
Answer 11:				

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12. Mention briefly about the circulatory system of earthworm



- 14. Mention the function of the following
- (a) Ureters in frog
- (b) Malpighian tubules
- (c) Body wall in earthworm



