

**BIOLOGY****MORPHOLOGY AND ANATOMY OF EARTHWORM**

31. Structure which helps worm wedge to force open cracks in the soil into which the earthworm may crawl is  
[NCERT Pg.No. 106]
- (1) Peristomium
  - (2) Mouth
  - (3) Setae
  - (4) Prostomium
32. Earthworms are [NCERT Pg.No. 110]
- (1) Bisexual
  - (2) Hermaphrodite
  - (3) Unisexual
  - (4) Both (1) and (2)
33. Cerebral ganglia is present in  
[NCERT Pg.No. 109]
- (1) Dorsal surface
  - (2) Ventral surface
  - (3) Lateral surface
  - (4) Vento-lateral surface
34. Earthworms have specialised taste receptors which react to stimuli  
[NCERT Pg.No. 110]
- (1) Photoreceptors
  - (2) Neuroreceptors
  - (3) Chemoreceptors
  - (4) Osmoreceptors
35. Testes are present in segments  
[NCERT Pg.No. 110]
- (1) 10 and 11
  - (2) 11 and 12
  - (3) 12 and 13
  - (4) 13 and 14
36. Development in earthworm is  
[NCERT Pg.No. 110]
- (1) Direct type
  - (2) Indirect type
  - (3) Form larvae
  - (4) Inside parent body
37. Anterior loops are present in segments  
[NCERT Pg.No. 109]
- (1) 7 and 9
  - (2) 10 and 11
  - (3) 12 and 13
  - (4) 9 and 10
38. State true or false
- A: In earthworm of all ages, body is divisible into 3 prominent regions.
- B: Setae, embedded in the epidermal pits in the middle of each segment.  
[NCERT Pg.No. 107]
- (1) T, F
  - (2) F, T
  - (3) T, T
  - (4) F, F
39. Order of layers from outside to inside in earthworm is [NCERT Pg.No. 107]
- (1) Epithelium – Longitudinal muscles – Circular muscles – Cuticle – Epidermis
  - (2) Epithelium- Circular muscles- Longitudinal muscles-Cuticle - Epidermis
  - (3) Cuticle – Epidermis- Circular muscles – Longitudinal muscles – Epithelium
  - (4) Cuticle – Epidermis - Longitudinal muscles - Circular muscles - Epithelium
40. In which part of digestive system Calciferous glands are present?  
[NCERT Pg.No. 108]
- (1) Intestine
  - (2) Stomach
  - (3) Gizzard
  - (4) Buccal cavity