



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

NCERT Exemplar Questions +1 (STRUCTURAL ORGANISATION IN ANIMALS)

Mcqs

1. Which one of the following types of cell is involved in making of the inner walls of large blood vessels ?

- A. Cuboidal epithelium
- B. Columnar epithelium
- C. squamous epithelium
- D. Stratified epithelium

Answer: c



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2. To which one of the following categories does adipose tissue belong ?

A. Epithelial

B. Connective

C. Muscular

D. Neural

Answer: b



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3. Which of the following is not a connective tissue ?

A. Bone

B. Cartilage

C. Blood

D. Muscles

Answer: d



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4. The clitellium is a distinct part in the body of earthworm, it is found in

A. Segments 13 - 14 - 15

B. Segments 14 - 15 - 16

C. Segments 12 - 13 - 14

D. Segments 15 - 16 - 17

Answer: b



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5. Setae help in locomotion in earthworm but not uniformly present in all the segments. Select among the following that represents setae

- A. 1st segment
- B. Last segment
- C. Clitellar segment
- D. 20th – 22th segment

Answer: d



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6. Which one of the following statement is true for cockroach ?

A. The number of ovarioles in each ovary are ten

B. The larval stage is called caterpillar

C. Anal styles are absent in females

D. They are ureotelic

Answer: c



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7. Match the following and choose the correct option

A. Adipose tissue	i. Nose
B. Stratified epithelium	ii. Blood
C. Hyaline cartilage	iii. Skin
D. Fluid connective tissue	iv. Fat storage

A. A-i, B-ii, C-iii, D-iv

B. A-iv, B-iii, C-i, D-ii

C. A-iii, B-i, C-iv, D-ii

D. A-ii, B-i, C-iv, D-iii

Answer: b



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8. Match the following and choose the correct answer

A.	Hermaphrodite	i.	Produces blood cells and haemoglobin
B.	Direct development	ii.	Testis and ovary in the same animal
C.	Chemoreceptor	iii.	Larval form absent
D.	Blood gland in earthworm	iv.	Sense of chemical substances

A. A-ii, B-iii, C-iv, D-i

B. A-iii, B-ii, C-iv, O-i .

C. A-i, B-iii, C-ii, D-iv

D. A-ii, B-iv, C-iii, D-i

Answer: a



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9. Match the following with reference to Cockroach and choose the correct option

A.	Phallomere	i.	Chain of developing ova
B.	Gonopore	ii.	Bundles of sperm
C.	Spermatophore	iii.	Opening of the ejaculatory duct
D.	Ovarioles	iv.	The external genitalia

A. A-iii, B-iv, C-ii, D-i

B. A-iv, B-iii, C-ii, D-i

C. A-iv, B-ii, C-iii, D-i

D. A-ii, B-iv, C-iii, D-i

Answer: b



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10. Match the following and choose the correct answer

A.	Touch	i.	Nasal epithelium
B.	Smell	ii.	Foramen magnum
C.	Cranial nerves	iii.	Sensory papillae
D.	Medulla oblongata	iv.	Peripheral nervous system

A. A-iii, B-i, C-ii, D-iv

B. A-ii, B-i, C-iv, D-iii

C. A-iii, B-iv, C-ii, D-i

D. A-iii, B-i, C-iv, D-ii

Answer: d



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