



BIOLOGY

NCERT - FULL MARKS BIOLOGY(TAMIL)

ORGANS AND ORGAN SYSTEM IN ANIMALS

Evaluation

1. The clitellum is a distinct part in the body of earthworm *Lampito mauritii*, it is found in?

A. Segments 13 - 14

B. Segments 14 - 17

C. Segments 12 - 13

D. Segments 14 - 16

Answer:



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2. Sexually, earthworms are

A. Sexes are separate

B. Hermaphroditic but not self - fertilizing

C. Hermaphroditic and self – fertilizing

D. Parthenogenic

Answer:



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3. State whether the statement is true or false.

To sustain themselves, earthworms must guide their way through the soil using their powerful muscles. They gather nutrients by

ingesting organic matter and soil, absorbing what they need into their bodies.

The two ends of the earthworm can equally ingest soil.

a. True

b. False



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4. State whether the statement is true or false.

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a. True

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5. The head region of Cockroach __pairs of __and __shaped eyes occur.

A. One pair, sessile compound and kidney shaped

B. Two pairs, stalked compound and round shaped

C. Many pairs, sessile simple and kidney shaped

D. Many pairs, stalked compound and kidney shaped

Answer:



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6. The location and numbers of malpighian tubules in Periplaneta.

A. At the junction of midgut and hindgut,
about 150.

B. At the junction of foregut and midgut,
about 150.

C. Surrounding gizzard, eight.

D. At the junction of colon and rectum,
eight.

Answer:



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7. The type of vision in Cockroach is

- A. Three dimensional
- B. Two dimensional
- C. Mosaic
- D. Cockroach do not have vision

Answer:



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8. How many abdominal segments are present in male and female Cockroaches?

A. 10,10

B. 9, 10

C. 8, 10

D. 9, 9

Answer:



9. Which of the following does not have an open circulatory system?

A. Frog

B. Earthworm

C. Pigeon

D. Cockroach

Answer:



10. Buccopharyngeal respiration in frog:

A. is increased when nostrils are closed

B. Stops when there is pulmonary
respiration

C. is increased when it is catching fly

D. stops when mouth is opened.

Answer:



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11. Kidney of frog is

A. Archinephros

B. Pronephros

C. Mesonephros

D. Metanephros

Answer:



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12. Presence of gills in the tadpole of frog indicates that

- A. fishes were amphibious in the past
- B. fishes evolved from frog-like ancestors
- C. frogs will have gills in future
- D. frogs evolved from gilled ancestor

Answer:



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13. Choose the wrong statement among the following:

A. In earthworm, a single male genital pore is present.

B. Setae help in locomotion of earthworms.

C. Muscular layer in the body wall of earthworm is made up of only circular muscles.

D. Typhlosole is part of the intestine of earthworm.

Answer:



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14. Which of the following are the sense organs of Cockroach?

A. Antennae, compound eyes, maxillary palps, anal cerci

B. Antennae, compound eye, maxillary palps

C. Antennae, ommatidia, maxillary palps,
sternum

D. Antennae, eyes, maxillary palps, and
tarsus of walking legs

Answer:



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15. What characteristics are used to identify
the earthworms?



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16. What are earthworm casts?

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17. How do earthworms breathe?

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18. Why do you call cockroach a pest?



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19. Comment on the functions of alary muscles?



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20. Name the visual units of the compound eyes of cockroach.



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21. How does the male frog attracts the female for mating?



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22. Describe the types of respiration seen in frog.



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23. Differentiate between peristomium and prostomium in earthworm.



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24. Give the location of clitellum and spermathecal openings in *Lampito mauritii*.



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25. Differentiate between tergum and a sternum.



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26. Head of cockroach is called Hypognathous.

Why ?



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27. How respiration takes place in cockroach?



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28. What are the components of blood in frog?



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29. Explain the digestive system of frog.



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30. Explain the male reproductive system of frog.



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31. Explain the male reproductive system of frog.



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