



BIOLOGY

BOOKS - BAL BHARTI

STUDY OF ANIMAL TYPE - COCKROACH

Can You Recall

1. How many different types of animals are present around us?



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2. Which phylum is most diverse and populous?



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Curiosity Box

1. Why do insects need moulting?



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2. What is the difference between simple and compound eye?



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Use Your Brain Power

1. Why body cavity of cockroach is called as haemocoel?



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Exercise Choose Correct Option

1. Chemical nature of chitin is..... .

- A. protein
- B. carbohydrate
- C. lipid
- D. glycoprotein

Answer:



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2. Cockroach has.....type of mouthparts.

A. sponging

B. chewing and biting

C. piercing and Sucking

D. lapping

Answer:



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3. Spiracle is a part of system of cockroach.

A. circulatory

B. respiration

C. reproductive

D. nervous

Answer:



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4.is a part of digestive system.

A. Trachea

B. Hypopharynx

C. Haemocyte

D. Seminal vesicle

Answer:



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5.is also called as brain of cockroach.

A. Supra-oesophageal ganglion

B. Sub-oesophageal ganglion

C. Hypo-cerebral ganglion

D. Thoracic ganglion

Answer:



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Exercise Answer The Following Questions

1. Explain the digestive system of cockroach with the help of neat labelled diagram?



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2. Give an account of the nervous system in cockroach.



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3. Explain female reproductive system of cockroach.



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4. Asha observed that cockroach are killed by putting them on soap water. Teacher said it is due to its peculiar respiratory system. How?



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5. Differentiate between male and female cockroach.



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6. Give the systematic position of cockroach.



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7. What would have happened of cockroach did not had gizzard?



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8. What is the functional difference between eyes of cockroach and human being.



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9. What is the functional difference between respiratory system of cockroach and human being?



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Exercise Explain The Following In Short

1. What are anal cerci?



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2. What is ganglion?



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3. What is the role of hypopharynx?



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4. What is mesenteron?



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5. Write in short: Location of tergum.



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6. What is Ootheca?



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7. How many chambers are present in heart of cockroach?



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