

ARJUNA (NEET)

B•XI•M1

TBD

Structural organisation in animals

DPP-07

To be done

1. Which among the following is differentiated into ileum, colon and rectum? **pg 8**
- (a) Caecum (b) Foregut
(c) Midgut (d) Hindgut

2. Complete the following statement :
Heart of cockroach consists of elongated muscular tube lying along _____ of thorax and abdomen.
- (a) Ventral line (b) Mid dorsal line
(c) Lateral line (d) Mid ventral line

3. Malpighian tubules in cockroach absorb nitrogenous waste products and convert them into _____.
Which is excreted out through the _____
A and B in above statement respectively are:
- (a) Ammonia, hindgut
(b) Ammonia, midgut
(c) Uric acid, midgut
(d) Uric acid, hindgut

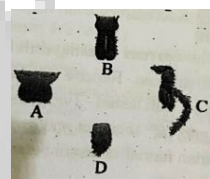
4. Which is the cutting organ in the mouth parts of cockroach?
- (a) Maxillary palp
(b) Mandible
(c) Labrum
(d) Labium

5. Write 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.

6. The heart of Cockroach is made up to _____ units.
- (a) Thirteen (b) Ten
(c) Twelve (d) Four

7. Exoskeleton of periplaneta is protected due to _____.
(a) Calcium carbonate
(b) Cutin
(c) Chitin
(d) Mucous

8. Which one is correct option for given diagram?



	A	B	C	D
(1)	Labrum	Maxilla	Hypopharynx	Mandible
(2)	Hypopharynx	Mandible	Maxilla	Labrum
(3)	Labrum	Hypopharynx	Maxilla	Mandible
(4)	Maxilla	Hypopharynx	Mandible	Labrum

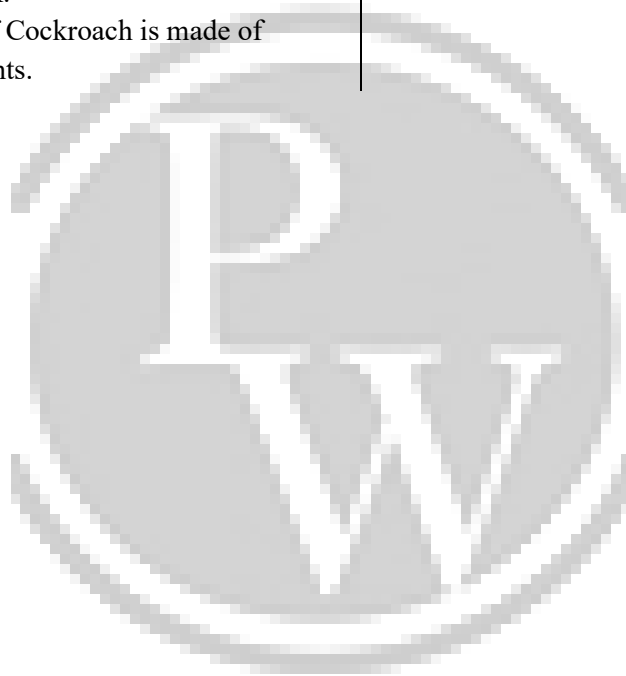
9. Which of the following features is used to identify a male cockroach from a female cockroach?
- (a) Presence of a boat shaped sternum on the 9th abdominal segment
(b) Presence of caudal styles
(c) Forewings with darker tegmina
(d) Presence of anal cerci

10. Head of the Cockroach is formed by the fusion of _____ segments.

- (a) Six (b) Four
(c) two (d) eight

11. Why head of the Cockroach can move easily in all the directions?

- (a) In Cockroach head and thorax fuse to form Cephalothorax.
(b) Anatomy of mouthpart, are so arranged that head can move easily in all the directions.
(c) Head is attached to thorax through a flexible neck.
(d) Abdomen of Cockroach is made of three segments.



ANSWERS

1. (D)
2. (B)
3. (D)
4. (B)
5. (A)
6. (A)
7. (C)
8. (C)
9. (B)
10. (A)
11. (C)



Note - If you have any query/issue

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