

## MISSION M.B.BS

Date: 27/07/2022

Subject: ZOOLOGY

Topic : ANIMAL KINGDOM L5

Class: Standard XI

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Instructions:

A

1. Choose the organism which has true coelom:
  - A. Tapeworm
  - B. *Wuchereria*
  - C. *Planaria*
  - D. *Nereis*
2. Locomotion in *Pheretima* is carried out by
  - A. parapodia
  - B. gizzard and crop
  - C. longitudinal and circular muscles
  - D. nephridia
3. Choose the correct combination of features of phylum Annelida:
  - A. Radially symmetrical, tissue level of organisation, diploblastic
  - B. Bilaterally symmetrical, metameric segmentation, true coelom
  - C. Bilaterally symmetrical, round cross section, pseudocoelomates
  - D. Bilaterally symmetrical, flatworms, acoelomates

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4. Which of the following organs play a role in excretion in annelids?

- A.** Nephridia
- B.** Statocysts
- C.** Malpighian tubules
- D.** Parapodia

5. Which among the following are incorrectly matched?

Animal	Characteristic	Taxon
A. Crabs	Nephridia	Arthropoda
B. Earthworm	Metamerism	Annelida
C. Spiders	Jointed appendages	Arthropoda
D. <i>Nereis</i>	Parapodia	Annelida

- A.** A
- B.** B
- C.** C
- D.** D

6. Choose the features that represent phylum Arthropoda:

- I. Metameric segmentation
- II. Parapodia
- III. Jointed appendages
- IV. Bilateral symmetry
- V. Triploblastic

- A.** I and II only
- B.** III, IV and V only
- C.** II and III only
- D.** IV and V only

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7. Which of the following is not a feature of organisms belonging to phylum Arthropoda?

- A.** Pollinating agent
- B.** Vector for diseases
- C.** Pests
- D.** Source of cotton

8. Which group of animals belong to the same phylum?

- A.** *Nereis, Ascaris, Pheretima*
- B.** *Pheretima, Nereis, Leech*
- C.** *Wuchereria, Planaria, Leech*
- D.** Crabs, lobsters, *Pheretima*

9. Statocysts are \_\_\_\_\_ and are found in \_\_\_\_\_.

- A.** balancing organ, arthropods
- B.** excretory organ, arthropods
- C.** balancing organ, annelids
- D.** excretory organ, arthropods

10. Bilateral symmetry is a common feature of phylum

- A.** Platyhelminthes, Aschelminthes, Annelida and Arthropoda
- B.** Porifera, Aschelminthes, Annelida and Arthropoda
- C.** Porifera, Ctenophora, Platyhelminthes, Arthropoda
- D.** Coelenterata, Ctenophora, Aschelminthes, Arthropoda