



BIOLOGY

BOOKS - PSEB

ANIMAL KINGDOM

Exercise

1. What are the difficulties that you would face in classification of animals, if common

fundamental features are not taken into account?



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2. If you are given a specimen, what are the steps that you would follow to classify it?



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3. How useful is the study of the nature of body cavity and coelom in the classification of

animals?



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4. Distinguish between intracellular and extracellular digestion?



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5. What is the difference between direct and indirect development?



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6. What are the peculiar features that you find in parasitic platyhelminthes?



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7. What are the reasons that you can think of for the arthropods to constitute the largest group of the animal kingdom?



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8. Water vascular system is the characteristic of which group of the following:

A. Porifera

B. Ctenophora

C. Echinodermata

D. Chordata

Answer:



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9. “All vertebrates are chordates but all chordates are not vertebrates”. Justify the statement.



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10. How important is the presence of air bladder in Pisces?



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11. What are the modifications that are observed in birds that help them fly?



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12. Could the number of eggs or young ones produced by an oviparous and viviparous mother be equal? Why?



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13. Segmentation in the body is first observed in which of the following:

A. Platyhelminthes

B. Aschelminthes

C. Annelida

D. Arthropoda

Answer:



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14. Prepare a list of some animals that are found parasitic on human beings.



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