



BIOLOGY

BOOKS - TRUEMAN BIOLOGY

ANIMAL KINGDOM - GENERAL

Multiple Choice Questions

1. Which was the first animal to go into space?

- A. Cat
- B. Monkey
- C. Dog
- D. Ape

Answer: C



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2. In the course of evolution, the true coelom appeared first in

- A. aschelminthes
- B. annelide
- C. arthropoda
- D. echinodermata

Answer: B



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3. Anus develops first in the embryo and mouth is formed later. It is called

- A. deuterostomatic

B. protostomatic

C. both (1) and (2)

D. none of these

Answer: B



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4. Schizocoelom is found in

A. annelids

B. arthropods

C. molluscs

D. all of there

Answer: D



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5. Metamerism is conspicuous in

- A. arthropods
- B. molluscs
- C. chordates
- D. annelids

Answer: D



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6. In which phylum blood pigment is hemocyanin ?

- A. echinodermata
- B. molluscs
- C. platyhelminthes
- D. aschelminthes

Answer: B



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7. Animals devoid of respiratory, excretory and circulatory organs are

- A. Tapeworms
- B. Sponges
- C. Thread worms
- D. Liver Fluke

Answer: B



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8. In which book has " binomial nomenclature" been used for the first time

A. Histoire Naturelle

B. Systema Naturae

C. Historia Naturalis

D. Historia Plantarum

Answer: B



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9. Karyotaxonomy is the modern branch of classification which is based on

A. Number of chromosomes

B. Bands found on chromosomes

C. Organic Evolution

D. Trinomial Nomenclature

Answer: B

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10. Common feature in earthworm and cockroach is

- A. cuticle (exoskeleton)
- B. solid and ventral nerve cord
- C. nephridia
- D. malpighian tubules

Answer: B

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11. Which one is correctly matched ?

- A. Jelly Fish and Star Fish - Radial symmetry
- B. Hydra and Shark - Bilateral symmetry
- C. Tapeworm and Octopus - Radial symmetry

D. Amoeba and Sea Urchin - Asymmetry

Answer: A



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12. Besides Annelida and Arthropoda, metamerism is found in

A. Cestoda

B. Mollusca

C. Chordata

D. Acanthocephala

Answer: C



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13. Metameric segmentation is the characteristic of

- A. Mollusca and Chordata
- B. Annelida and Arthropoda
- C. Echinodermata and Annelida
- D. Platyhelminthes and Arthropoda

Answer: B



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14. Morphallaxis refers to

- A. reconstruction of whole body from a body part
- B. regeneration of lost body part like limb
- C. regeneration with the help of blastema

D. healing of wound

Answer: B



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15. Which one of the following groups of three animals each is correctly matched with their one characteristic morphological features?

Animals	Morphological feature
A. Centipede, Prawn, Sea urchin Scorpion, Spider	Jointed appendages Ventral solid
B. Cockroach	central nervous system
C. Cockroach Locust, Taenia Liver fluke,	Metameric segmentation Bilateral
D. Sea anemone, Sea cucumber	symmetry

Answer: B



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16. Which one of the following phyla is correctly matched with its two general characteristics

- | | | |
|----|---------------|---|
| A. | Notochord | Notochord at some stage and separate anal and urinary openings to the outside |
| B. | Echinodermata | Pentamerous radial symmetry and mostly internal fertilisation |
| C. | Mollusca | Normally oviparous and development through a trochophore or veliger larva |
| D. | Arthropoda | Body divided into head, thorax and abdomen, respiration by tracheae |

Answer: C



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17. Which of the following is a correct sequence of decreasing order of number of species ?

A. Aves, pisces, reptiles, amphibians,

mammals

B. Pisces, aves, reptiles, mammals, amphibians

C. Pisces, mammals, reptiles, mammals, aves

D. Amphibians, aves, pisces, mammals,

reptiles

Answer: B



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18. Match list I with List II and select the correct option

List I

List II

A Protozoa

1 Pennatula

B Aschelminthes

2 Beroe

C Porifera

3 Monocystis

D Ctenophora

4 Wuchereria

E Cnidaria

5 Cliona

A. A-3, B-5, C-4, D-1, E-2

B. A-4, B-3, C-5, D-2, E-1

C. A-3, B-4, C-5, D-2, E-1

D. A-2, B-4, C-5, D-3, E-1

Answer: C



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19. All flatworms differ from all round worms in having

A. triploblastic body

B. solid mesoderm

C. Bilateral symmetry

D. metamorphosis in the life history

Answer: B



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20. Egg of reptiles and birds are

- A. mesolecithal
- B. telolecithal
- C. polylecithal
- D. alecithal

Answer: C



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21. List of endangered species was released by :

- A. IUCN
- B. BBC
- C. WCC
- D. UN

Answer: B



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22. Pseudocoelom is a characteristic feature of

- A. Annelids
- B. Arthropods
- C. Platyhelminthes
- D. Aschelminthes

Answer: D



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23. Match column I with column II and select the correct option from the given codes.

<i>Column I</i>	<i>Column II</i>
A. Cyclostomers	(i) Hemichordata
B. Aves	(ii) Urochordata
C. Tunicates	(iii) Agnatha
D. Balanoglossus	(iv) Pisces
E. Osteichthyes	(v) Tetrapod

A. A-1, B-2, C-3, D-4, E-5

B. A-2, B-3, C-4, D-1, E-5

C. A-3, B-5, C-2, D-1, E-4

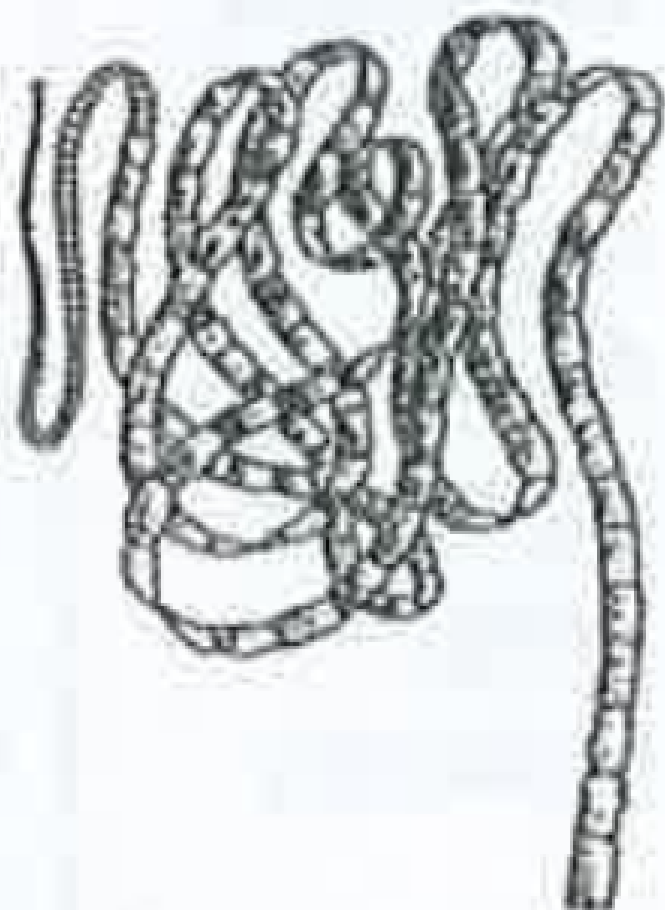
D. A-3, B-1, C-5, D-2, E-4

Answer: C



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24. The figure shows four animals (a), (b), (c) and (d). Select the correct answer with respect to a common characteristic of two of these animals.









A. (c) and (d) have a true coelom

B. (a) and (d) respire mainly through body

wall

C. (b) and (c) show radial symmetry

D. (a) and (b) have chidoblasts for self-

defence

Answer: B



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25. Which one of the following pairs of animals are similar to each other pertaining to the feature stated against them

A. Pteropus and Ornithorhynchus - Viviparity

B. Garden lizard and Crocodile - Three

chambered heart

C. Ascaris and Ancylostoma - Metameric

segmentation

D. Sea horse and Flying fish - cold blood-

ed (poikilothermal)

Answer: D



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26. which one of the following options gives correct category according to type of nitrogenous waste the give out?

A	B	C
Ammonotelic	Ureotelic	Uricotelic
A. Pideon, Humans	Aquatic Amphibia, Lizards	Cockroach, Frog
Frog, Lizards	Aquatic Amphibia, Humans	Cockroach, Pigeon
Aquatic Amphibia	Frog, Humans	Pigeon, Lizards, Cockroach
Aquatic Amphibia	Cockroach, Humans	Frog, Pigeon, Lizards

Answer: C



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27. The hierarchical arrangement of taxonomic categories in descending order is

A. kingdom, phylum, class, order, family,
genus, species

B. kingdom, division, phylum, order, family,
genus, species

C. kingdom, class, phylum, order, family,
genus

D. division, kingdom, class, phylum, order,
family, genus, species

Answer: B



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28. Kanha National Park is located in and is famous for

A. Madhya Pradesh, elephant

B. Madhya Pradesh, tiger

C. Odisha, tiger

D. Assam, elephant

Answer: B



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29. Which one of the following is not included under in situ conservation?

A. National Park

B. Wild life sanctuary

C. Zoological garden

D. Biosphere reserve

Answer: C

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30. Who is the father of taxonomy?

- A. John Ray
- B. Carolus Linnaeus
- C. A. P. de Candolle
- D. Charles Darwin

Answer: B

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31. Animals are classified into hierarchical group, in which one of the following the largest number of species is found

- A. Genus
- B. Order

C. Family

D. Cohort

Answer: D



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32. A radially symmetrical free swimming bioluminescent diploblastic marine organism is

A. Sea fan

B. Sea pen

C. Sea walnut

D. Bath sponge

Answer: C



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33. match the name of the animal (column I) with one characteristics (column II) , and the phylum / class (column III) to which it belongs

Column I	Column II	Column III
(1) Limulus	body covered by chitinous exoskeleton	Pisces
(2) Adamsia	radially symmetrical	Porifera
(3) Petromyzon	ectoparasite	Cyclostomata
(4) Ichthyophis	terrestrial	Reptilia

- | | Column I | Column II | Column III |
|----|-------------|---------------------------------------|--------------|
| A. | Limulus | body covered by chitinous exoskeleton | Pisces, |
| B. | Adamsia | radially symmetrical | Porifera |
| C. | Patromyzon | ectoparasite | Cyclostomata |
| D. | Ichthyophis | terrestrial | Reptilia |

Answer: C

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34. Select the Taxon mentioned that represents both marine and fresh water species

- A. Cnidaria
- B. Echinoderms
- C. Ctenophora
- D. Cephalochordata

Answer: B



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35. Which of the following features is not present in *Periplaneta americana*?

- A. Indeterminate and radial cleavage during embryonic development
- B. Exoskeleton composed of N-acetylglucosamine
- C. Metamerically semented body

D. Schizocoelom as body cavity

Answer: B



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36. Which of the following characteristic features always holds true for the corresponding group of animals

- | | |
|--|----------------|
| (a) Cartilaginous endoskeleton | Chondrichthyes |
| (b) Viviparous | Mammalia |
| (c) Possess a mouth with an upper and a lower jaw | Chordata |
| (d) 3- chambered heart with one incompletely divided ventricle | Reptilia |

- | | |
|--|----------------|
| A. Viviparous | Mammalia |
| Possess a mouth | Chordata |
| B. with an upper and a lower jaw | |
| 3- chambered heart | Reptilia |
| C. with one incompletely divided ventricle | |
| D. Cartilaginous endoskeleton | Chondrichthyes |

Answer: D





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