



## BIOLOGY

### BOOKS - TRUEMAN'S BIOLOGY (ENGLISH)

#### 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 haemoglobin ?

- 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 sym-

metry

D. Amoeba and Sea Urchin - Asymmetry

**Answer: A**



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12. Besides Annelida and Arthropoda, metamer-

ism 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. regeneration 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. Chordata                      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 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, am-

phibians

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 Poorifera

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. dilateral 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**

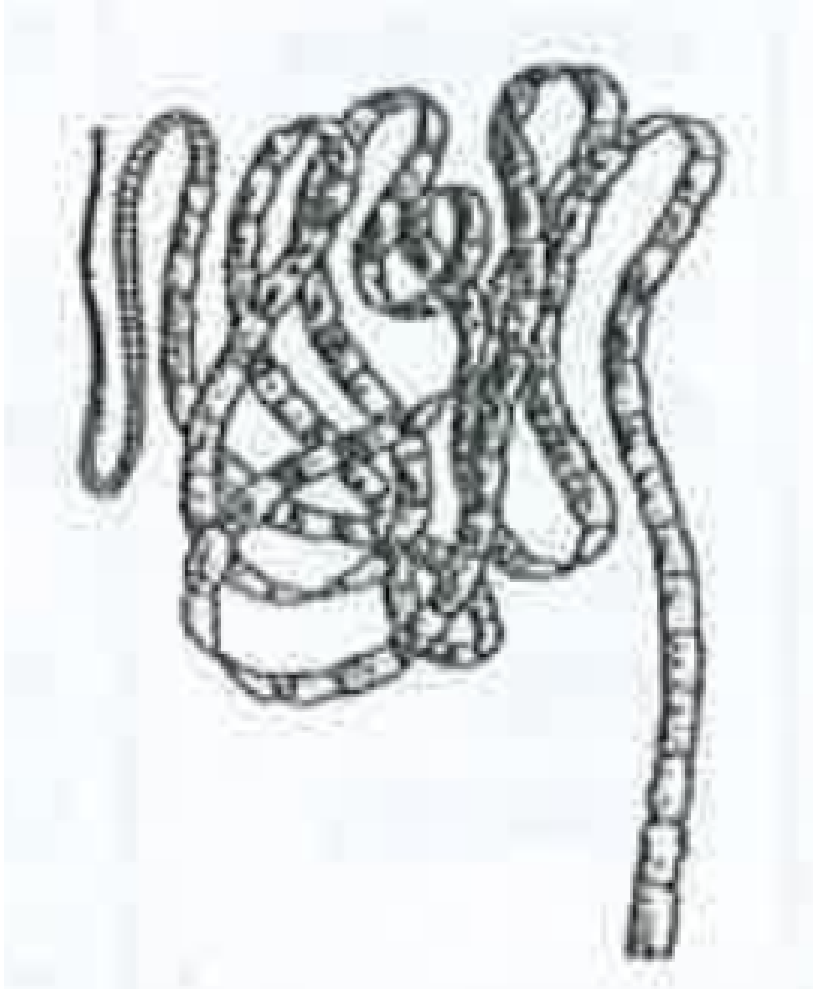


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24. The figure shows four animals (a), (b), (c) and (d). Select the correct answer with re-



spect 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 cnidoblasts 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 the correct categorization of animals according to the type of nitrogenous waste they give out?

	A	B	C
	Ammonotelic	Ureotelic	Uricotelic
A.	Pigeon, Humans	Aquatic Amphibia, Lizards	Cockroach, Frog
B.	Frog, Lizards	Aquatic Amphibia, Humans	Cockroach, Pigeon
C.	Aquatic Amphibia	Frog, Humans	Pigeon, Lizards, Cockroach
D.	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 regarded as 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 and choose the correct option

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 segmented 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                                 | Chonco |
| (b) Viviparous   | Mamm   |
| (c) Possess a mouth with an upper and a lower jaw              | Chord  |
| (d) 3- chambered heart with one incompletely divided ventricle | Reptil |

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

Cartilaginous

Chondrichthyes

D. endoskeleton

**Answer: D**



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