



BIOLOGY

BOOKS - NEET PREVIOUS YEAR (YEARWISE + CHAPTERWISE)

ANIMAL KINGDOM

Exercise

1. Which among these is correct combination of aquatic mammals

- A. Seals, Dolphins, Sharks
- B. Dolphins, Seals, Trygon
- C. Whales, Dolphins, Seals
- D. Trygon, Whales, Seals

Answer: C



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2. An important characteristic that hemichordates share with chordates is

- A. absence of notochord
- B. ventral tubular nerve cord
- C. pharynx with gill slits
- D. pharynx without gill slits

Answer: C



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3. In case of poriferans, the spongocoel is lined with flagellated cells called

- A. ostia
- B. oscula

C. choanocytes

D. mesenchymal cells

Answer: C



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4. 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 | Reptalia |

A. Viviparous Mammalia

B. Possess a mouth with an upper and a lower jaw Chordata

C.

3-chambered heart with one incompletely divided ventricle Reptalia

D. Cartilaginous endoskeleton - Chondrichthyes

Answer: D



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5. Which of the following characteristics is not shared by birds and mammals

A. Breathing using lungs

B. Viviparity

C. Warm blooded nature

D. Ossified endoskeleton

Answer: B



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6. Which of the following features is not present in the in the phylum arthropoda

A. Metameric segmentation

B. Parapodia

C. Jointed appendages

D. Chitinous exoskeleton

Answer: B



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7. Choose the correct statement.

A. All mammals are viviparous

B. All cyclostomes do not possess jaws and paired fins

C. All reptiles have a three-chambered heart

D. All Pisces have gills covered by an operculum

Answer: B



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8. Match column *I* with column *II* for housefly classification and select the correct option using the codes given below

Column I		Column II	
A. Family	(i)	Diptera	
B. Order	(ii)	Arthropoda	
C. Class	(iii)	Muscidae	
D. Phylum	(iv)	Insecta	

A. A B C D
 3 1 4 2

B. A B C D
 3 2 4 1

C. A B C D
 4 3 2 1

D. A B C D
 4 2 1 3

Answer: A



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9. Body having meshwork of cell, internal cavities lined with food filtering flagellated cells and indirect development are the characteristics of

phylum

A. Coelenterata

B. Porifera

C. Mollusca

D. Protozoa

Answer: B



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10. Metagenesis refers to

A. the presence of different morphic forms

B. alternation of generation between asexual and sexual phases of an organism

C. occurrence of a drastic change in form during post-embryonic development

D. the presence of a segmented body and parthenogenetic mode of reproduction

Answer: B



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11. A jawless fish which lays eggs in fresh water and whose ammocoete larve after metamorphosis return to ocean is

A. Eptatretus

B. Myxine

C. Neomyxine

D. Petromyzon

Answer: D



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12. Which one of the following living organisms completely lacks a cell wall

- A. Cyanobacteria
- B. sea-fan (Gorgonia)
- C. Saccharomyces
- D. Blue-green algae

Answer: B



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13. Planaria possesses high capacity of

- A. metamorphosis
- B. regeneration
- C. alternation of generation
- D. bioluminescence

Answer: B



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14. A marine cartilaginous fish that can produce electric current is

- A. Pristis
- B. Torpedo
- C. Trygon
- D. Scoliodon

Answer: B



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

A. Echinoderms

B. Ctenophora

C. Cephalochordata

D. Cnidaria

Answer: D



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16. match the name of the animal (colume I) with one charcteristics (column II) , and the phylun / 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

- A. Column I Column II Column III
 (a) Petromyzon Ectoparasite Cyclostomata
- B. Column I Column II Column III
 (b) Ichthyophis Terrestrial Reptilia
- C.

- Column I Column II Column III
 (c) Limulus Body covered by chitinous exoskeleton Pisces
- D. Column I Column II Column III
 (d) Adamsia Radially symmetrical Porifera

Answer: A



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

- A. Malarial parasite, Amoeba, mosquito
- B. Earthworm, pinworm, tapeworm
- C. Prawn, scorpion, Locusta
- D. Sponge, sea anemone, starfish

Answer: C



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18. One of the representative of Phylum arthropoda is

- A. cuttle fish
- B. silver fish
- C. puffer fish
- D. flying fish

Answer: B



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19. Which of the following are correctly matched with respect to their taxonomic classification?

- A. Flying fish, cuttle fish, silver fish-Pisces
- B. Centipede, millipede, spider, scorpion-Insecta

C. House fly, butterfly, tse-tse fly, silver fish-Insecta

D. Spiny anteater, sea urchin, sea cucumber-Echinodermata

Answer: C



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20. Pheretima and its close relatives derive nourishment from

A. sugarcane roots

B. decaying fallen leaves and soil organic matter

C. soil insects

D. small pieces of fresh fallen leaves of maize

Answer: B



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21. In which one of the following the genus name, its two characters and its phylum are not correctly matched. Whereas the remaining three are correct.

Genus Name	Two characters	Phylum
A. (a) <i>Pila</i>	(i) Body segmented (ii) Mouth with Radula	Mollusca
Genus Name	Two characters	Phylum
B. (b) <i>Asterias</i>	(i) Spiny skinned (ii) Water vascular system	Echinodermata
Genus Name	Two characters	Phylum
C. (c) <i>Sycon</i>	(i) Pore bearing (ii) Canal system	Porifera
Genus Name	Two characters	Phylum
D. (d) <i>Periplaneta</i>	(i) Jointed appendages (ii) Chitinous exoskeleton	Arthropoda

Answer: A



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22. Compared to those of humans, erythrocytes of Frog are

A. without nucleus but with haemoglobin

- B. nucleated and with haemoglobin
- C. very much smaller and fewer
- D. nucleated and without haemoglobin

Answer: B



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23. which one of the following have the highest number of species in nature ?

- A. Insects
- B. Birds
- C. Angiosperms
- D. Fungi

Answer: A



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24. One very special feature in the earthworm *pheretima* is that

- A. the typhlosole greatly increases the effective absorption area of the digested food in the intestine
- B. the S-shaped setae embedded in the integument are the defensive weapons used against the enemies
- C. it has a long dorsal tubular heart
- D. fertilisation of eggs occurs inside the body

Answer: A



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25. Which of the following is correct for the common cockroach ?

- A. Oxygen is transported by haemoglobin in blood
- B. Nitrogenous excretory product is urea

C. The food is ground by mandibles and gizzard

D. Malpighian tubules are excretory organs projecting out from the
colon

Answer: C



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26. Which one of the following groups of animals is correctly matched with its one characteristic feature without even a single exception

A. Chordata - Possess a mouth provided with an upper and a lower jaw

B. Chondrichthyes - Possess cartilaginous endoskeleton

C. Mammalia - Give birth to young ones

D. Reptilia - Possess 3-chambered heart with one incompletely divided
ventricle

Answer: B

27. In which one of the following, the genus name, its two characters and its class/phylum are correctly matched ?

A.

Genus	Two characters	Class/phylum
(a) Salamandra	(i) A tympanum represents ear (ii) Fertilisation is external	Amphibia

Genus	Two characters	Class/phylum
B. (b) Pteropus	(i) skin possesses hair (ii) Oviparous	Mammalia

Genus	Two characters	Class/phylum
C. (c) Aurelia	(i) Cnidoblast (ii) Organ level of organisation	Coelenterata

Genus	Two characters	Class/phylum
D. (d) Ascaris	(i) Body segmented (ii) Males and females distinct	Annelida

Answer: A

28. What will you look for to identify the sex of the following

A. Male frog - A copulatory pad on the first digit of the hindlimb

B. Female cockroach - Anal cerci

C. Male shark - claspers borne on pelvic fins

D. Female Ascaris - Sharply curved posterior end

Answer: C



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29. One example of animals having a single opening to the outside that serves both as mouth as well as anus is

A. Octopus

B. Asterias

C. Ascidia

D. Fasciola

Answer: D



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30. Which one of the following statements about all the four of Spongilla, leech, dolphin and penguin is correct ?

- A. Penguin is homiothermic, while the remaining three are poikilothermic
- B. Leech is a freshwater form, while all others are marine
- C. Spongilla has special collared cells called choanocytes, not found in the remaining three
- D. All are bilaterally symmetrical

Answer: C



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31. Which one of the following kinds of animals are triploblastic

A. Flatworms

B. Sponges

C. Ctenophores

D. Corals

Answer: A



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32. Which one of the following statements about certain given animals is correct?

A. Round worms (Aschelminthes) are pseudocoelomates

B. Molluscs are acoelomates

C. Insects are pseudocoelomates

D. Flatworms (Platyhelminthes) are coelomates

Answer: A



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33. Which one of the following groups of animals is bilaterally symmetrical and triploblastic

- A. Coelenterates (cnidarians)
- B. Aschelminthes (roundworms)
- C. Ctenophores
- D. Sponges

Answer: B



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34. Which one of the following pairs of animals comprises "Jawless fishes"

- A. Lampreys and eels
- B. Mackerals and rohu

C. Lampreys and hag fishes

D. Guppies and hag fishes

Answer: C



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35. If a live earthworm is pricked with a needle on its outer surface without damaging its gut, the fluid that comes out is

A. excretory fluid

B. coelomic fluid

C. haemolymph

D. slimy mucus

Answer: B



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36. Which one of the following groups of three animals is correctly matched with their one characteristic morphological feature?

A.

Animals	Morphological Feature
(a) Liver fluke, sea anemone, sea cucumber	— Bilateral symmetry

B.

Animals	Morphological Feature
(b) Centipede, prawn, sea urchin	— Jointed appendages

C.

Animals	Morphological Feature
(c) Scorpion, spider, cockroach	— Ventral solid central nervous system

D.

Animals	Morphological Feature
(d) Cockroach, locust, Taenia	— Metameric segmentation

Answer: C



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37. Which one of the following is the true description about an animal concerned

- A. (a) Earthworm - The alimentary canal consists of a sequence of pharynx, oesophagus, stomach, gizzard and intestine
- B. (b) Frog - Body divisible into three regions-head, neck and trunk
- C. (c) Rat - Left kidney is slightly higher in position than the right one
- D. (d) Cockroach - 10 pairs of spiracles (2 pairs on thorax and 8 pairs on abdomen)

Answer: D



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38. Ascaris is characterized by

- A. absence of true coelom but presence of metamerism
- B. presence of neither true coelom nor metamerism
- C. presence of true coelom but absence of metamerism
- D. presence of true coelom and metamerism (metamerisation)

Answer: B



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39. Which one of the following is NOT a characteristic of phylum Annelida

A. Closed circulatory system

B. Segmentation

C. Pseudocoelom

D. Ventral nerve cord

Answer: C



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40. Earthworms have no skeleton but during burrowing, the anterior end becomes turgid and acts as a hydraulic skeleton. It is due to

A. coelomic fluid

B. blood

C. gut peristalsis

D. setae

Answer: A



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41. Which one of the following in birds, indicated their reptilian ancestry

A. Scales on their hindlimbs

B. Four chambered heart

C. Two special chambers crop and gizzard in their digestive tract

D. Eggs with a calcareous shell

Answer: D



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

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

Answer: A



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43. What is common between parrot, platypus and kangaroo ?

- A. Homeothermy
- B. Toothless jaws
- C. Functional post-anal tail
- D. Oviparity

Answer: A



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44. Which one of the following is a matching pair of a body feature and the animal possessing it?

- A. Post-anal tail - Octopus
- B. Ventral central nervous system - Leech
- C. Pharyngeal gills slits absent in embryo - Chameleon
- D. Ventral heart - Scorpion

Answer: B



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45. Which of the following pairs are correctly matched ?

Animals		Morphological features
(i) Crocodile	—	4-chambered heart
(ii) Sea urchin	—	Parapodia
(iii) Obelia	—	Metagenesis
(iv) Lemur	—	Thecodont

A. (i), (iii) and (iv)

B. (ii), (iii) and (iv)

C. Only (i) and (iv)

D. Only (i) and (ii)

Answer: A



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46. What is true about nereis, scorpion, cockroac and silver fish?

- A. They all have jointed paired appendages
- B. They all possess dorsal heart
- C. None of them is aquatic
- D. They all belong to the same phylum

Answer: C



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47. Which one of the following is a matching set of a phylum and its three examples?

- A. Cnidaria - Bonellia, Physalia, Aurelia
- B. Platyhelminthes - Planaira, Schistosoma, Enterobius
- C. Mollusca - Loligo, Teredo, Octopus
- D. Porifera-Spongilla, Euplectella, Pennatula

Answer: C



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48. Biradial symmetry and lack of cnidoblasts are the characteristics of

- A. Starfish and sea anemone
- B. Ctenoplana and Beroe
- C. Aurelia and paramecium
- D. Hydra and starfish

Answer: B



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49. In which one of the following sets of animals do all the four give birth to young ones

- A. Lion, bat, whale, ostrich
- B. Platypus , penguin, bat, hippopotamus
- C. Shrew, bat, cat, kiwi
- D. Kangaroo, hedgehog, dolphin, loris

Answer: D



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50. Two common characters found in Centipede, Cockroach and Crab are

- A. compound eyes and anal cerci
- B. jointed legs and chitinous exoskeleton
- C. green gland and tracheae
- D. book lungs and antennae

Answer: B



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51. Which unicellular organism has a macronucleus for trophic function and one or more micronuclei for reproduction ?

- A. Euglena
- B. Amoeba
- C. Paramecium
- D. Trypanosoma

Answer: C



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52. From the following statements select the wrong one

- A. Millipedes have two pairs of appendages in each segment of the body
- B. Prawn has two pairs of antennae

C. Animals belonging to phylum-Porifera are exclusively marine

D. Nematocysts are characteristic of the phylum-Cnidaria

Answer: B



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53. Which one of the following characters is not typical of the class Mammalia

A. Seven cervical vertebrae

B. Thecodont dentition

C. Ten pairs of cranial nerves

D. Alveolar lungs

Answer: C



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54. The animal with bilateral symmetry in young stage and radial pentamerous symmetry in the adult stage belong to the phylum

- A. Annelida
- B. Mollusca
- C. Cnidaria
- D. Echinodermata

Answer: D



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55. In Arthropoda, head and thorax are often fused to form cephalothorax, but one of the following classes is the body divide into head, thorax and abdomen

- A. Insecta
- B. Myriapoda

C. Crustacea

D. Arachnida and Crustacea

Answer: A



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56. Presence of gills in the tadpole of frog indicates that

A. fishes were amphibious in the past

B. fishes evolved from frog like ancestors

C. frogs will have gills in future

D. frogs evolved from gilled ancestors

Answer: D



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57. A terrestrial animal must be able to

- A. excrete large amounts of water in urine
- B. conserve water
- C. actively pump salts out through the skin
- D. excrete large amounts of salts in urine

Answer: B



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58. During its life cycle fasciola hepatica (Liver fluke) Infects its intermediate host and primary host at the following larval stages respectively

- A. metacercaria and cercaria
- B. miracidium and metacercaria
- C. redia and miracidium

D. cercaria and redia

Answer: B



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59. Sycon belongs to a group of animals which are best described as

- A. multicellular with a gastrovascular system
- B. multicellular having tissue organisation, but no body cavity
- C. unicellular or acellular
- D. multicellular without any tissue organisation

Answer: D



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60. Which one of the following is a matching pair of an animal and a certain phenomenon it exhibits?

- A. Chameleon - Mimicry
- B. Taenia - Polymorphism
- C. Pheretima - sexual dimorphism
- D. Musca - Complete metamorphosis

Answer: D



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61. Given below are four matchings of an animal and its kind of respiratory organ.

- A. Silver fish - Trachea
- B. Scorpion - Book lung
- C. Sea squirt - Pharyngeal gill slits
- D. Dolphin - Skin

The correct matchings are

- A. (ii) and (iv)
- B. (iii) and (iv)
- C. (i) and (iv)
- D. (i), (ii) and (iii)

Answer: D



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62. In which of the following animal dimorphic nucleus is found

- A. Amoeba
- B. Trypanosoma gambiense
- C. Plasmodium vivax
- D. Paramecium caudatum

Answer: D



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63. in which of the following the notochord is present in embryonic stage

- A. All chordates
- B. some chordates
- C. Vertebrates
- D. Non-chordates

Answer: A



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64. In which of the following chlorocruorin pigment is found ?

- A. Annelida
- B. Echinodermata
- C. Insecta

D. Lower Chordata

Answer: A



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65. A post-anal tail is found in

A. Earthworm

B. Lower invertebrate

C. Scorpion

D. Snake

Answer: D



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66. what is common between *Ascaris lumbricoides* and *Anopheles stephensi* ?

- A. Hibernation
- B. Metamerism
- C. Anaerobic respiration
- D. Sexual dimorphism

Answer: D



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67. The canal system is a characteristic feature of

- A. Echinoderms
- B. helminthes
- C. coelenterates
- D. sponges

Answer: B



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68. Which of the following is not found in birds

- A. Hind limb
- B. Pectoral girdle
- C. Pelvic girdle
- D. Fore limb

Answer: D



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69. Long hollow bones connected by passages are characteristics of

- A. Aves

B. mammals

C. Reptilia

D. land vertebrates

Answer: A



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70. Most appropriate term for the life cycle of Obelia is

A. neoteny

B. metagenesis

C. metamorphosis

D. All of these

Answer: B



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71. What is common among silver fish scorpion crab and honey bee

- A. compound eyes
- B. Poison glands
- C. Jointed appendages
- D. Metamorphosis

Answer: C



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72. Pneumatic bones are expected to be found in

- A. pigeon
- B. house lizard
- C. frog's tadpole
- D. flying fish

Answer: A



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73. Flightless bird, cassowary is found in

- A. Mauritius
- B. Australia
- C. New Zealand
- D. Indonesia

Answer: B



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74. What is true about all sponges without exception ?

- A. They are all marine

B. They have flagellated collar cells

C. They have a mixed skeleton consisting of spicules and spongin fibres

D. They reproduce only asexually by budding

Answer: B



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75. Functionwise, just as there are nephridia in an earthworm, so are

A. parotid glands in toad

B. statocysts in prawn

C. flame cells in liver fluke

D. myotomes in fish

Answer: C



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76. True coelom is the space lying between the alimentary canal and body wall enclosed by the layers of

- A. ectoderm on both sides
- B. endoderm on one side and ectoderm on the other
- C. mesoderm on one side and ectoderm on the other
- D. mesoderm on both sides

Answer: D



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77. Radial symmetry is usually associated with

- A. aquatic mode of life
- B. lower grade of organisation
- C. creeping mode of locomotion

D. sedentary mode of life

Answer: B



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78. Which one of the following is exotic Indian fish

A. Catla catla

B. Heteropneustes fossilis

C. Cyprinus caprio

D. Lebeo rohita

Answer: C



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79. Besides Annelida and Arthropoda, the metamerism is exhibited by

A. Cestoda

B. Chordata

C. Mollusca

D. Acanthocephala

Answer: B



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80. The organisms attached to the substratum generally, possess

A. radial symmetry

B. one single opening of digestive canal

C. asymmetrical body

D. cilia on surface to create water current

Answer: A



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81. A common characteristic of all vertebrates is

- A. presence of skull
- B. division of body into head, neck, trunk and tail
- C. presence of two pairs of functional appendages
- D. body is covered with an exoskeleton

Answer: A



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82. All chordates possess

- A. exoskeleton
- B. limbs
- C. skull

D. axial skeletal rod of notochord

Answer: D



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83. Coelom derived from blastocoel is known as

A. enterocoelom

B. schizocoelom

C. Pseudocoelom

D. haemocoelom

Answer: C



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84. Radial symmetry is often exhibited by animals having

A. one opening of alimentary canal

B. aquatic mode of living

C. benthos/sedentary

D. ciliary mode of feeding

Answer: B



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85. Point out a non-parasite

A. tapeworm

B. mosquito

C. leech

D. sea anemone

Answer: D



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86. Tube feet occur in

- A. cockroach
- B. starfish
- C. cuttle fish
- D. cat fish

Answer: B



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87. Special character of coelenterates is

- A. polymorphism
- B. nematocysts
- C. flame cells

D. hermaphroditism

Answer: B



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88. Closed circulatory system occurs in

A. snail

B. cockroach

C. cuttle fish

D. All of these

Answer: C



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89. Which one of the following is an example of platyhelminthes

A. Schistosoma

B. Trypanosoma

C. Plasmodium

D. Wchereria

Answer: A



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90. mucus helps frog in forming

A. thick skin

B. dry skin

C. smooth skin

D. moist skin

Answer: D



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91. Tracheae of Cockroach and Mammal are similar in having

- A. paired nature
- B. non-collapsible walls
- C. ciliated inner lining
- D. origin from head

Answer: B



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92. A larval stage occurs in the life history of all member of the group.

- A. frog, lizard and cockroach
- B. Ascaris, housefly and frog
- C. housefly, earthworm and mosquito

D. butterfly, frog and mosquito

Answer: D



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93. all vertebrates posses

A. renal portal system

B. dorsal, hollow, central nervous system

C. four chambered ventral heart

D. pharyngeal gill slits

Answer: B



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94. What is true about *Taenia saginata*

A. Life history has pig as intermediate host

B. There are two large suckers on scolex

C. Rostellar hook are absent

D. Rostellum has double circle of hooks

Answer: C



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95. Which one of the following animals possesses nerve cells but no nerves?

A. Hydra

B. Tapeworm

C. Earthworm

D. Frog's tadpole

Answer: A



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96. Budding is a normal mode of asexual reproduction in

- A. starfish and Hydra
- B. Hydra and sponges
- C. tapeworm and Hydra
- D. sponge and starfish

Answer: B



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97. Give the correct matching of causative agent/germ and disease

- A. Anopheles - malaria
- B. Leishmania - sleeping sickness
- C. Glossina - kala-azar

D. Wuchereria - filariasis

Answer: D



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98. What is common between Ostrich penguin and Kiwi ?

- A. Running birds
- B. Migratory birds
- C. Flightless birds
- D. Four toed birds

Answer: C



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99. Which one assists in locomotion

- A. Trichocysts in Paramecium
- B. Pedicellariae of starfish
- C. Clitellum in Pheretima
- D. Posterior sucker in Hirudinaria

Answer: D



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100. What is common in whale, bat and rat ?

- A. Absence of neck
- B. Muscular diaphragm between thorax and abdomen
- C. Extra-abdominal testes to avoid high temperature of body
- D. Presence of external ears

Answer: B



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101. Gorilla , Chimpanzee , Monkeys and Humans belong to the same

A. species

B. genus

C. family

D. order

Answer: D



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102. The cervical vertebrae in humans is

A. same as in whale

B. more than that in rabbit

C. double than that of horse

D. less than that in giraffe

Answer: A



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103. What is correct about Taenia ?

- A. Male organs occur in posterior proglottids
- B. Male organs occur in anterior proglottids
- C. Female organs occur in anterior proglottids
- D. Mature proglottids contain both male and female organs

Answer: D



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104. Assertion (A) *Periplaneta americana* is nocturnal, omnivorous, household pest.

Reason (R) It is because it acts as scavenger.

- A. A is true, but R is false
- B. A is false, but R is true
- C. Both A and R are true and R is correct explanation of A
- D. Both A and R are true, but R is not correct explanation of A

Answer: A



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105. Aristotle's Lantern occurs in class

- A. Echinoidea
- B. Asteroidea
- C. Holothuroidea

D. Ophiuroidea

Answer: A



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106. Eye of the molluscan group that resembles vertebrate eye is

A. Bivalvia

B. Gastropoda

C. Pelecypoda

D. Cephalopoda

Answer: D



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107. Star Fish belongs to

- A. Asteroidea
- B. Ophiuroidea
- C. Holothuroidea
- D. Crinoidea

Answer: A



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108. Adult Culex and Anopheles can be distinguished with the help of

- A. mouth parts/colour
- B. sitting posture
- C. antennae/wings
- D. feeding habits

Answer: B



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109. In porifera, the simplest canal system is

- A. ascon type
- B. leucon type
- C. sycon type
- D. radial type

Answer: A



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110. bull frog of india is

- A. *Rana tigrina*
- B. *R. sylvatica*
- C. *R. ecutesbeiana*

D. R. esculenta

Answer: A



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111. An egg laying mammal is

A. kangaroo

B. platypus

C. koala

D. whale

Answer: C



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112. Sound box of birds is called

A. pygostyle

B. larynx

C. syrink

D. synsacrum

Answer: A



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113. Ascaris larva is called

A. cysticercus

B. rhabditiform

C. hexacanth

D. onchosphere

Answer: C



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114. Male and female cockroaches can be distinguished externally through

- A. anal styles in male
- B. anal cerci in female
- C. anal style and antennae in females
- D. Both (b) and (c)

Answer: D



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115. Metamorphosis of insects is regulated through hormone

- A. pheromone
- B. thyroxine
- C. ecdysone

D. All of these

Answer: D



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116. *Ascaris lumbricoides* infection occurs through

- A. sole of uncovered feet
- B. contaminated cooked measly pork
- C. improperly cooked measly pork
- D. from air through inhalation

Answer: B



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117. Classification of Phylum Porifera is based on

A. branching spicules

B. spicules

C. reproduction

D. symmetry

Answer: B



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118. Kidney of adult rabbit is

A. pronephros

B. metanephros

C. mesonephros

D. opisthonephros

Answer: B



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119. Excretory organs of flatworms/*Taenia* are

- A. flame cells
- B. protonephridia
- C. Malpighian tubules
- D. green glands

Answer: A



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120. Which one occurs in echinodermata

- A. Bilateral symmetry
- B. Radial symmetry
- C. Porous body

D. Soft skin

Answer: B



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121. An insect regarded as greatest mechanical carrier of disease is

A. Pediculus

B. Cimex

C. Musca

D. Xenopsylla

Answer: C



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122. Bladderworm /cysticercus is the larval stage of

- A. tapeworm
- B. roundworm
- C. pinworm
- D. liver fluke

Answer: A



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123. Earthworm possesses hearts

- A. 6 pair
- B. 4 pair
- C. 2 pair
- D. 1 pair

Answer: B



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124. In hot summer and cold winter, the number of malaria cases as well as *Anopheles* declines, reappearance of malaria in humid warm conditions is due to

- A. surviving malarial parasites in human carriers
- B. surviving sporozoites in surviving mosquitoes
- C. monkeys
- D. mosquito larvae in permanent waters

Answer: D



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125. Blood of *Pheretima* is

- A. blue with haemocyanin in corpuscles
- B. blue with haemocyanin in plasma

C. red with haemoglobin in corpuscles

D. red with haemoglobin in plasma

Answer: D



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126. *Pheretima posthuma* is highly useful as

A. their buffows make the soil loose

B. they make the soil porous, leave their castings and take organic debris in the soil

C. they are used as fish meal

D. they kill the birds due to biomagnification of chlorinated hydrocarbons

Answer: B



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127. Skin is a respiratory organ in

- A. lizards
- B. birds
- C. primitive mammals
- D. frog

Answer: D



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128. Ecdysis is shedding of

- A. stratum corneum
- B. epidermis
- C. dermis

D. stratum malpighi

Answer: A



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129. In pancreas, pancreatic juice and hormones are secreted by

- A. same cells
- B. same cells at different times
- C. statement is wrong
- D. different cells

Answer: D



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130. Malpighian tubules are

- A. excretory organs of insects
- B. excretory organs of annelids
- C. respiratory organs of insects
- D. respiratory organs of annelids

Answer: A



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131. Penguin occurs in

- A. Australia
- B. Antarctica
- C. Africa
- D. America

Answer: B



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132. Kala-azar and Oriental Sore are spread by

- A. housefly
- B. bed bug
- C. sand fly
- D. fruit fly

Answer: C



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133. A chordate character is

- A. gills
- B. spiracles
- C. post-anal tail

D. Chitinous exoskeleton

Answer: C



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134. Fish which can be used in biological control of mosquitoes/Larvicidal fish is

A. eel

B. carp

C. cat fish

D. Gambusia

Answer: D



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135. Jelly fish is placed in which class of coelenterata

- A. Hydrozoa
- B. Scyphozoa
- C. Anthozoa
- D. None of these

Answer: B



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136. Earthworms are

- A. useful
- B. harmful
- C. more useful than harmful
- D. more harmful

Answer: A



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137. Photoreceptors of Earthworm occur on

- A. clitellum
- B. many eyes
- C. dorsal surface
- D. lateral sides

Answer: C



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138. Transfer of Taenia to secondary host occurs as

- A. oncosphere

B. cysticercus

C. morula

D. egg

Answer: A



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139. Eutherians are characterised by

A. hairy skin

B. true placentation

C. ovoviviparity

D. glandular skin

Answer: B



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140. Flight muscles of bird are attached to

- A. clavicle
- B. keel of sternum
- C. scapula
- D. coracoid

Answer: B



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141. Wish bone of birds is from

- A. pelvic girdle
- B. skull
- C. hindlimbs
- D. pectoral girdle/clavicles

Answer: D



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142. Silk thread is obtained from silk moth during

- A. pupal stage
- B. larval stage
- C. nymph stage
- D. adult stage

Answer: A



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143. Which one of the following is not a true amphibian animal

- A. Salamander

B. Toad

C. Tortoise

D. Frog

Answer: C



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144. Both male and female pigeons secrete milk through

A. salivary glands

B. modified sweat glands

C. crop

D. gizzard

Answer: C



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145. Organ pipe coral is

- A. Tubipora
- B. Astraea
- C. Helipora
- D. Fungia

Answer: A



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146. Fire- belied toad is

- A. Amphiuma
- B. Bombinator
- C. Necturus
- D. Salamandra

Answer: B



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147. The common name of necturus is

A. hell bender

B. congo eel

C. mud puppy

D. blind worm

Answer: C



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148. Typhlos is

A. sea snake

B. glass snake

C. blind snake

D. grass snake

Answer: C



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149. A sucker fish (Remora) on a shark would exemplify:

A. commensalism

B. symbiosis

C. predation

D. parasitism

Answer: A



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150. A wood boring mollusca/Shipworm is

- A. Chiton
- B. Teredo
- C. Limax
- D. Patella

Answer: B



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151. Lamina propria is connected with

- A. acini
- B. liver
- C. Graafian follicle
- D. intestine

Answer: D



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152. Kingfisher is a bird in which the feet are

- A. wading
- B. perching
- C. running
- D. catching

Answer: A



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153. Hairs occur in all mammals except those of

- A. Rodentia

B. Chiroptera

C. Primata

D. Cetacea

Answer: D



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154. Bird vertebrae are

A. acoelous

B. heterocoelous

C. amphicoelous

D. procoelous

Answer: B



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155. Animals/ organisms floating on the surface of water are

A. plankton

B. pelagic

C. benthos

D. neritic

Answer: A



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