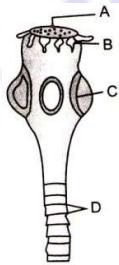


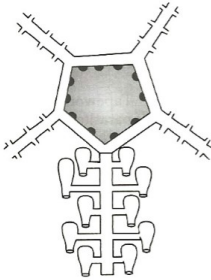


501. The most powerful poison produced by vertebrates is
a) Paratotoxin b) Hypotoxin c) Haemotoxin d) Batrachotoxin
502. What is true about class-Insecta?
a) Two pairs of wings b) One pair of wings
c) Three pairs of jointed legs d) No wings
503. Asymmetry in Gastropoda is due to
a) Torsion b) Coiling c) Twisting d) None of these
504. Choose the respiratory organ that are not present in phylum-Arthropoda
a) Tracheal system b) Gills
c) Water vascular system d) Book lungs
505. The jawless vertebrate is
a) Crocodile b) Loris c) *Hyla* d) *Petromyzon*
506. In the given diagram different parts are indicated by alphabets. Choose the answer, in which these alphabets correctly match with the parts they indicate.



- a) A-Rostellum B- Hooks C- Sucker D- Proglottids
b) A-Suctorial mouth B-Hooks C- Sucker D- Segments
c) A-Mouth B-Tentacles C- Sucker D- Segments
d) A-Sucker B- Hairs C- Ring D-Proglottids
507. A list of animals is given below. Identify the animals with open circulatory system and choose the correct answer
I. Ascidia
II. Cockroach
III. Earthworm
IV. Prawn
V. Silverfish
VI. Snail
VII. Squid
a) II, IV and VI b) I, II, IV and VI c) III, IV, V and VII d) II, IV, V and VI
508. Parthenogenesis is a term of
a) Sexual reproduction b) Asexual reproduction
c) Budding d) Regeneration
509. The integument of the frog is always kept moist because

- a) It cannot move with dry skin
 b) It performs cutaneous respiration
 c) It cannot catch food with dry skin
 d) It cannot jump better with moist skin
510. What is true about Mollusc?
 a) Presence of metameric segmentation
 b) Presence of mantle cavity and coelom cavity
 c) Presence of tissue level of organisation
 d) Presence of chitinous exoskeleton
511. Higher phylum like echinoderms are
 a) Triploblastic animals
 b) Quadroblastic animals
 c) Diploblastic animals
 d) Uniblastic animals
512. From the following statements select the wrong one.
 a) Millipeds 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
513. The skeleton of corals is composed of
 a) Siliceous spicules
 b) Calcium sulphate
 c) Calcium carbonate
 d) Potassium sulphate
514. The type of symmetry belongs to animals is
 a) Transverse symmetry
 b) Lateral symmetry
 c) Bilateral symmetry
 d) Oblique symmetry
515. Scientific name of king cobra is
 a) *Naja naja*
 b) *Bungarus coeruleus*
 c) *Naja Hannah*
 d) *Vipera russelli*
516. Symmetry in Cnidaria is
 a) Radial
 b) Bilateral
 c) Pentamerous
 d) Spherical
517. What is missing in the following diagram?



- a) Podium and tiedamanns body
 b) Madrepori canal and madreporite
 c) Madreporite and podial canal
 d) None of the above
518. Frog's tadpole is
 a) Uricotelic
 b) Ureotelic
 c) Ammonotelic
 d) Aminotelic
519. Sub-class-Prototheria is related with egg laying mammal such as
 a) Kangaroo
 b) *Echidna*
 c) Primate
 d) None of these
520. Which of these is referred to as 'Venus flower basket'?
 a) *Spongilla*
 b) *Sycon*
 c) *Euplectella*
 d) *Cliona*
521. Identify the aquatic mammal(s) from the following
 I. *Balenoptera*
 II. *Equus*
 III. *Delphinus*
 IV. *Pteropus*

- V. *Felis*
- a) I and III b) II and IV c) V only d) IV and V
522. Which of the following is a viviparous fish?
- a) *Exocoetus* b) *Gambusia* c) *Clarias* d) *Labeo*
523. Members of this phylum exhibit adaptations to widely varied environmental conditions. Identify the phylum
- a) Porifera b) Coelenterata c) Echinodermata d) Mollusca
524. What is true about *Nereis*, scorpion, cockroach 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
525. *Salamandra* belongs to sub-class
- a) Apoda b) Urodela c) Anura d) None of these
526. Chloragogen cells of earthworms are analogous to vertebrate
- a) Lungs b) Liver c) Gut d) Kidneys
527. Which of the following characters is present essentially in chordates?
- a) Ventral spinal chord
- b) Dorsal heart
- c) Pharyngeal gill slits
- d) Blood flow in forward direction in ventral blood vessels
528. Which of the following is not absent in Mollusca?
- a) Heart b) Pedicellaria c) Ctenidia d) Mantle
529. In Echinodermata, tube feet are related with
- a) Locomotion b) Excretory system
- c) Respiratory system d) Reproductive system
530. The mantle in the phylum-Mollusca is a
- a) Calcareous shell b) Chitinous outer covering
- c) Soft spongy layer of skin d) None of these
531. Select the correct statement.
- a) Birds are poikilothermic. b) Flatworms are coelomic animals.
- c) Earthworm is metamerically segmented. d) Fishes are radially symmetrical.
532. Which stage in the life cycle of *Taenia solium* infects the intermediate host?
- a) Hexacanth larva b) Oncosphere c) Cysticercus larva d) Miracidium
533. Choose the false option
- a) *Amoeba*-Asymmetrical
- b) Coelenterates-Diploblastic, radial symmetry, non-chordates
- c) Chordates-*Petromyzon*, *Ornithorhynchus*, *Equus*
- d) Annelid-Pseudocoelomate
534. Blood of earthworm is
- a) Red in colour, due to dissolved haemoglobin in corpuscle
- b) Red in colour, due to dissolved haemoglobin in plasma
- c) Blue in colour, due to dissolved haemocyanin in plasma
- d) Blue in colour, due to dissolved haemocyanin in corpuscles
535. Which bird travels the longest distance each year?
- a) Flamingo b) *Bubulcus* c) *Sterna macrura* d) None of these

536. Which of the following sets of derivatives of integumentary structures characterize birds, as glorified reptiles?
- a) Scales and claws
b) Syrinx and uropygial gland
c) Claws and uropygial gland
d) Syrinx and scales
537. Which is not correct?
- a) Ovaries matured first in earthworm
b) Spermatheca present in 6-9 segments
c) Male genital apertures at 18 segment
d) One pair of ovary in 13 segment
538. Rostellum and hooks are absent in the scolex of
- a) *Taenia saginata*
b) *Taenia solium*
c) *Echinococcus granulosus*
d) *Fasciola hepatica*
539. Ink glands are found in
- a) Sponge
b) Star fish
c) *Sepia*
d) Jelly fish
540. Which of the following is a monogenetic parasite?
- a) *Taenia solium*
b) *Ascaris*
c) *Fasciola hepatica*
d) *Plasmodium vivax*
541. Choose the correct option with reference to *Ascaris*.
- a) Hatching of embryos takes place in the stomach due to lytic enzyme
b) Adulthood is reached inside the body of the host in ten days time
c) Development and moulting takes place in the alveoli of lungs
d) Hatching of embryos takes place within ten hours
542. Which type of cells absent in sponges?
- a) Trophocytes
b) Myocytes
c) Archaeocytes
d) Cnidocytes
543. Which one of the following statements about all the four of *Spongilla*, leech, dolphin and penguin is correct?
- a) Penguin is homeothermic, while the remaining three are poikilothermic
b) Leech is a fresh water form, while all others are marine
c) *Spongilla* has special collar cells called choanocytes, which are not found in the remaining three
d) All are bilaterally symmetrical animals
544. In *Pheretima*, gizzard, buccal cavity, pharynx, oesophagus, pharyngeal nephridia receive the blood from which of the following blood vessel?
- a) Supra oesophageal
b) Lateral oesophageal
c) Dorsal blood
d) Subneural
545. Bat belongs to order
- a) Chiroptera
b) Lagmorpha
c) Urodla
d) Hymenoptera
546. The Indian salamander is
- a) *Siren*
b) *Tylototriton*
c) *Ambystoma*
d) *Necturus*
547. Earthworms are
- a) Ureotelic, when plenty of water is available
b) Uricotelic, when plenty of water is available
c) Uricotelic under conditions of water scarcity
d) Ammonotelic when plenty of water is available
548. The notochord is derived from which of the following layers?
- a) Ectoderm
b) Mesoderm
c) Endoderm
d) Placoderm
549. Book lungs are respiratory organs in
- a) Insects
b) Arachnids
c) Molluscans
d) Echinoderms
550. Which of the following is a harmful social insect?

- a) One b) Two c) Three d) Four
567. The cloaca in frog is a common chamber for the urinary tract, reproductive tract and
 a) Alimentary canal b) Portal system
 c) Hepatic portal vessels d) Notochord
568. Pecten, a comb-like structure is found in the eye of
 a) Fishes b) Frogs c) Birds d) Mammals
569. Food of *Hydra* is
 a) Aquatic plants b) Aquatic animals
 c) Algae and aquatic animals d) Some crustaceans
570. Dry skin with scales or scutes without gland is a characteristic of
 a) Fishes b) Reptilia c) Amphibia d) Aves
571. Metagenesis is seen in
 a) *Hydra* b) *Aurelia* c) *Obelia* d) *Adamsia*
572. Sea mouse belongs to phylum
 a) Mollusca b) Cnidaria c) Arthropoda d) Annelida
573. Arms are absent in
 a) Sea urchin b) Sea cucumber c) Both (a) and (b) d) None of these
574. Integumentary nephridia are also called
 a) Enteronephric
 b) Exonephric
 c) Sometimes enteronephric and sometimes exonephric
 d) Both (a) and (b)
575. Which of the following is wrongly matched?
 a) Arthropoda – Cockroach b) Annelida – *Hydra*
 c) Echinodermata – Star fish d) Nematelminthes – *Ascaris*
576. Scorpion belongs to a class to which one of the following also belong?
 a) Ticks b) Crabs c) Both (a) and (b) d) Cockroaches
577. Which is common between earthworm, leech and centipede?
 a) They have Malpighian tubules b) They are hermaphrodite
 c) They have ventral nerve cord d) They have no legs
578. Haemocoel is found in
 a) *Hydra* and *Aurelia* b) *Taenia* and *Ascaris*
 c) Cockroach and *Pila* d) *Balanoglossus* and *Herdmania*
579. Which one of the following is not a mammalian character?
 a) Presence of milk producing gland b) They have two pairs of limbs
 c) Skin is unique in possessing hair d) Homodont type of dentition
580. The flightless bird among the following is
 a) *Columba* b) *Neophron* c) *Struthio* d) *Corvus*
581. Phylum-Aschelminthes is different from phylum-Platyhelminthes in
 a) Symmetry b) Shape of the body
 c) Number of germ layers in embryonic stage d) None of the above
582. Which of the following statements is true?
 a) All living members of class-Cyclostomata are parasites on some fishes
 b) There are about 25,000 species in the class-Osteichthyes
 c) *Ciona* belongs to the sub-phylum-Cephalochordata

596. All mammals without any exception are characterized by
- a) Viviparity and biconcave red blood cells
 - b) Extra-abdominal testes and a four chambered heart
 - c) Heterodont teeth and 12 pairs of cranial nerves
 - d) A muscular diaphragm and milk producing glands
597. Which one of the following is a flightless bird?
- a) *Passer*
 - b) *Corvus*
 - c) *Aptenodytes*
 - d) *Pavo cristatus*
598. The sclerite, covers the top to the head and the space between the two compound eyes in *Periplaneta*, is
- a) Clypeus
 - b) Labrum
 - c) Vertex
 - d) Genae
599. Cross fertilisation is favoured by
- a) Neoteny
 - b) Metagenesis
 - c) Protandry
 - d) None of these
600. Complete metamorphosis is found in
- a) House-fly and mosquito
 - b) House-fly and cockroach
 - c) Mosquito and cockroach
 - d) None of the above



Amaze Classes

NEXT LEVEL LEARNING