

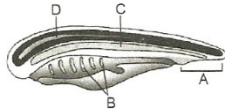


601. The herbivorous insect that has piercing and sucking type of mouth parts is
a) *Cimex* b) *Culex* c) *Apis* d) *Tachardia*
602. Ctenophora shows affinities with
a) Cnidaria b) Aschelminthes c) Cephalopoda d) Turbellaria
603. A gradual decrease in the size of the tail during metamorphosis in the life cycle of frog is a good example for
a) Programmed cell death b) Cell necrosis
c) Cell senescence d) Pinocytic activity
604. Ecdysone is secreted from
a) Insect b) Trematoda c) Nematode d) Polychaeta
605. The animal that never performs locomotion is
a) *Ascaris* b) *Leucosolenia* c) Both (a) and (b) d) *Hydra*
606. Salamander can regenerate
a) Tail b) Limbs c) External gills d) All of these
607. Which is a condition that is connected in the both external and internal structures and it is first found in which phylum of the animal kingdom
a) Mutagenesis-Platyhelminthes b) Metagenesis-Coelenterata
c) Appendages-Arthropoda d) Metamerism-Annelida
608. In the pectoral girdle of frog, there is a cup like cavity on each side called
a) Acetabulum b) Sigmoid arc c) Glenoid cavity d) Thoracic cavity
609. In mammals, the secondary palate is formed by the union of
a) Premaxilla, pterygoid and squamosal bones b) Maxilla, quadrate and palatine bones
c) Premaxilla, maxilla and palatine bones d) Premaxilla, quadrate and squamosal bones
610. Salivary gland in earthworm is found in
a) Dorsal wall of buccal cavity b) Ventral wall of buccal cavity
c) Pharyngeal wall d) None of the above
611. Which of the following is absent in the mouth part of housefly?
a) Labrum b) Epipharynx c) Mandibles d) Maxillary palps
612. Roundworms are different from Platyhelminthes in the following features
a) Roundworms are triploblastic
b) Roundworms have a complete digestive system
c) Roundworms have flame cells
d) All of the above
613. Changes that allow the conversion of larva into adult, is called
a) Metagenesis b) Alternation c) Metamorphosis d) Metastasis
614. In earthworm, the dorsal wall of the intestine from the 26th segment to 95th segment forms a median internal fold called
a) Trochophore b) Typhlosole c) Clitellum d) Trachea

615. Eggs of cockroach are
 a) Alecithal b) Microlecithal c) Telolecithal d) Cintrolecithal
616. 3-segmented club shaped maxillary palp is present in
 a) Male *Culex* b) Male *Anopheles* c) Female *Culex* d) Female *Anopheles*
617. The radial symmetry is observed in
 I. Platyhelminthes
 II. Coelenterates
 III. Aschelminthes
 IV. Annelids
 V. Echinoderms
 a) II, III and V b) I, II, III and V c) II, III and I d) II and V
618. Which of the following does not belong to the class-Hexactinellida?
 a) *Hyalonema* b) *Cliona* c) *Euplectella* d) None of these
619. All flatworms differ from all roundworms in having
 a) Triploblastic body b) Solid mesoderm
 c) Bilateral symmetry d) Metamorphosis in the life history
620. Which brain structure in rabbit is directly related to vision?
 a) Corpus albicans b) Hippocampal lobe
 c) Corpus callosum d) Corpora quadrigemina
621. Which of the following statements are true?
 a) Phylum-Porifera-Presence of choanocytes and nematocysts
 b) Phylum-Coelentrata-*Meandrina* belongs to this phylum
 c) Phylum-Ctenophora-All exhibit bilateral symmetry
 d) Phylum-Platyhelminthes-*Wuchereria* belongs to this phylum
622. Class-crustacea differs from Insecta in having
 a) Two pairs of antennae b) Jointed foot
 c) Chitinous cuticle d) None of these
623. Pearls are produced by the animals of phylum
 a) Annelida b) Arthropoda c) Mollusca d) Echinodermata
624. Third cleavage of frog's development is
 a) Vertical b) Equatorial c) Latitudinal d) None of these
625. Which of the following animals is sanguivorous?
 a) *Nereis* b) Tapeworm c) Earthworm d) *Hirudinaria*
626. Spiders belong to class
 a) Insect b) Chilopoda c) Diplopoda d) Archinda
627. Temperature changes in the environment affect most of the animals which are
 a) Homeothermic b) Aquatic c) Poikilothermic d) Desert living
628. Part of the right lung of rat which is not distinguishable due to passage of post caval through it is
 a) Anterior b) Middle c) Posterior d) Post caval
629. In Mollusca, the osphradium has function of
 a) Reproduction b) Respiration
 c) Testing physical and chemical qualities of food d) Excretion
630. Which is not correct for birds?

- a) *Hydra* b) *Obelia* c) Sea anemone d) None of these
644. The limbless amphibian is
a) *Ichthyophis* b) *Hyla* c) *Rana* d) *Salamandra*
645. A single opening of the digestive system is found in
a) Protista b) Ctenophore c) Porifera d) Platyhelminthes
646. Aquatic reptiles are
a) Ammonotelic b) Ureotelic c) Ureotelic in water d) Ureotelic over land
647. In earthworm, gizzard is found, in which of the following segments?
a) 9th segment b) 18th segment c) 13th segment d) 16th segment
648. Phallomeres in male *Periplaneta* arise from
a) 8th and 9th sternum b) 7th sternum c) 8th sternum d) 9th sternum
649. Animal undergoes inactive stage during winter known as
a) Aestivation b) Hibernation c) Adaptation d) Acclimatization
650. Conglobate gland is found in
a) Female cockroach b) Male cockroach c) *Anopheles* mosquito d) *Culex* mosquito
651. Pearl is produced in the bivalve belonging to the genus
a) *Ostraea* b) *Pinctada* c) *Pecten* d) *Lamellidens*
652. Select the correct set of animals of class-Mammalia.
a) Lion, hippopotamus, penguin, bat b) Lion, bat, whale ostrich
c) Hippopotamus, penguin, whale, kangaroo d) Whale, bat, kangaroo, hippopotamus
653. Which is the first class among the tetrapods to show completely 4-chambered heart?
a) Amphibia b) Reptilian c) Aves d) Mammalia
654. Choose the kind of erythrocyte found in Reptiles
a) Circular – biconvex – nucleated b) Oval – biconcave – denuded
c) Circular – biconcave – denuded d) Oval – biconvex – nucleated
655. Gonads of *Obelia* occur
a) On blastocyst b) In hydrula stage
c) In radial canals of medusa d) At bases of tentacles of medusa
656. Cerebral hemispheres of rat are connected by
a) Corpus luteum b) Corpus callosum c) Corpus albicans d) Corpus spongiosum
657. Sub classes for class-Mammalia are
a) Eutheria and Metatheria b) Ornithorhynchus and Pleurorhynchus
c) Hemiichnus and Macropus d) Theria and Prototheria
658. Dermatobiasis in cattle is caused by
a) Maggots of bot fly b) Wiggler of mosquito
c) Nits of head louse d) Drones of honeybee
659. In frog's heart which of the following is considered as pace-maker?
a) Pylangium b) Synangium c) Sinus venosus d) Truncus arteriosus
660. Proboscis gland in *Balanoglossus* is associated with
a) Digestion b) Respiration c) Circulation d) Excretion
661. Which of the following is common in Annelida and Arthropoda?
a) Basal nerve cord b) Dorsal nerve cord c) Ventral nerve cord d) Anterior nerve cord
662. The poisonous fluid present in nematocyst of *Hydra* is
a) Venom b) Haematin c) Toxin d) Hypnotoxin
663. Asexual reproduction in sponges takes place by

- a) Binary fission b) Budding c) Fragmentation d) Encystment
664. Which animal shows coprophagy?
 a) Giraffe b) Elephant c) Rabbit d) Snake
665. Which one of the following statements about certain given animals is correct?
 a) Roundworms (*Aschelminthes*) are pseudocoelomates
 b) Molluscs are acoelomates
 c) Insects are pseudocoelomates
 d) Flatworms (*Platyhelminthes*) are coelomates
666. The location of lymph glands in *Pheretima* is
 a) 4th, 5th and 6th segments b) 10th to 20th segments
 c) 26th to the last segments d) 13th segments
667. The young one of cockroach is called
 a) Caterpillar b) Nymph c) Fingerling d) Maggot
668. Which of following has discoidal placenta?
 a) Rabbit b) Deer c) Sheep d) Pig
669. Body cavity of *Hydra* is called
 a) Haemocoel b) Coelenteron c) Enterocoel d) Pseudocoel
670. Which one of the following features is common in silverfish, scorpion, dragon fly and prawn?
 a) Three pairs of legs and segmented body
 b) Chitinous cuticle and two pairs of antennae
 c) Jointed appendages and chitinous exoskeleton
 d) Cephalothorax and tracheae
671. Match the items labelled A, B, C and D in the given diagram with the given characters and choose the correct answer



- I. Nerve cord
 II. Post-anal part
 III. Notochord
 IV. Gill Slits
 A B C D
- a) II IV III I b) I III II IV c) III I IV III d) IV II III I
672. Which of the following is present in the integument of frog but not in mammals?
 a) Dermis b) Mucous gland
 c) Sweat glands d) Stratum germinativum
673. The canal system is characteristic feature of
 a) Helminthes b) Coelenterates c) Sponges d) Echinoderms
674. Which one of the following parasites shows alternation of generation and alternation of host in its life cycle?
 a) *Fasciola* b) *Ascaris* c) *Wuchereria* d) *Taenia*
675. Pancreas is absent in which group of vertebrates?
 a) Reptiles b) Cyclostomates c) Birds d) Mammals
676. The nematocysts inject in its prey

- a) Coelenteron b) Neurotoxin c) Hypnotoxin d) Hypotoxin
677. Tubular heart of cockroach has how many chambers?
 a) 10 b) 13 c) 12 d) 11
678. Non-chordates show
 a) Notochord b) Dorsal tubular nerve chord
 c) Pharyngeal gill cleft d) Absence of hepatic portal system
679. In earthworms, setae are present in all segments, expect the
 a) First and the last segments b) First and the clitellum
 c) First segments d) First, clitellum and last segments
680. Canal system in Porifera is not concerned with
 a) Respiration b) Nutrition c) Sexual reproduction d) None of the above
681. Preen glands occur on
 a) Reptilia b) Aves c) Pisces d) Mammalia
682. Fossil representatives of phylum-Arthropods are called
 a) Tripololites b) Tagmalites c) Trilobites d) Archaeopods
683. Study the following features of a fish.
 I. It is a crossopterygian fish.
 II. It is found in the river Chalumnae.
 III. It does not exhibit aestivation.
 IV. It is an urecotelic animal.
 V. Which of the above are true to '*Neoceratodus*'
 a) I and II b) II and IV c) I and III d) I and IV
684. Which of the these statements are wrong?
 I. Parapodia are lateral appendages in arthropods used for swimming.
 II. Radula in molluscs are structures involved in excretion.
 III. Aschelminthes are dioecious.
 IV. Echinoderm adults show radial symmetry.
 V. Ctenophorans are diploblastic.
 a) I and II b) I and III c) I, IV and V d) III and V
685. The Mediterranean type of popular fowls are called
 a) White leghorn b) New Hampshire c) Plymouth rock d) Rhode island red
686. In which of the following animals, post anal tail is found?
 a) Earthworm b) Lower invertebrate c) Scorpion d) Snake
687. In earthworm, neurons are
 a) Motor b) Associated c) Sensory d) All of these
688. Pseudocoelomate animals belong to the phylum
 a) Platyhelminthes b) Arthropoda c) Mollusca d) None of these
689. Cells that are peculiar to the phylum-Porifera
 a) Chimeras b) Chondrocytes c) Dendrocytes d) Choanocytes
690. The number of heart chambers found in cockroach is
 a) 4 b) 7 c) 5 d) 13
691. Study the following sentences.
 I. It is a terrestrial arthropod.
 II. The prosoma bears a pair of chelicerae, a pair of the pedipalps and four pairs of walking legs.

III. The metasoma ends in a telson.

IV. First pair of walking legs are modified as poisonous claws.

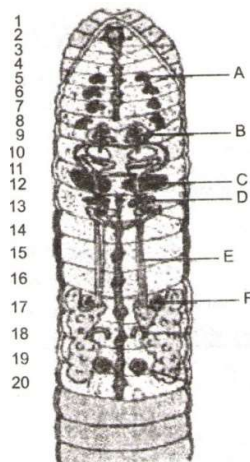
Which of the above are true for *Heterometrus*?

- a) I and III b) I and II c) I and IV d) III and IV

692. What is common among *Planaria* and *Hydra*?

- a) Both belong to phylum-Coelenterata b) Both are diploblastic
c) Both have regenerative capacity d) Both have a water vascular system

693. Choose the correct combination of labeling from the options given.



- a) **A-Testis, B-Spermatheca, C-Seminal vesicle, D-Ovary, E-vas deferens, F-Accessory gland**
b) **A-Spermatheca, B- Testis, C- Ovary, D- Seminal vesicle, E- vas deferens, F- Accessory gland**
c) **A- Spermatheca, B- Testis, C- Seminal vesicle, D- Ovary, E- vas deferens, F- Accessory gland**
d) **A- Spermatheca, B- Testis, C- Accessory gland, D- Ovary, E- vas deferens, F- Seminal vesicle,**

694. Changes that allow the conversion of larva into adult, are called

- a) Metagenesis b) Alternation c) Metamorphosis d) Metastasis

695. In cockroach, vision is due to

- a) One compound eye b) Two compound eyes
c) Two simple eyes d) Two compound and two simple eyes

696. Which of the following features is not found in Aves

- a) Preen glands on tail b) Crop and a gizzard c) Air cavities in bones d) Teeth inside the beak

697. The cockroach of genus-*Blatta* is also called

- a) German cockroach b) Australian cockroach
c) Oriental cockroach d) American cockroach

698. Which animal of the following belongs to class-Crustacea?

- a) Cockroach b) Cyclops c) Grasshopper d) Mosquito

699. In which segment, the clitellum is present in earthworm?

- a) 16 segments b) 17-19 segments c) 14-16 segments d) 5-6 segments

700. Tissue level of organisation is seen in

- a) Platyhelminthes b) Chordata c) Arthropoda d) None of these



Amaze Classes

NEXT LEVEL LEARNING