



301. Identify the figure *A* and *B* and choose the correct option



1. Female *Ancylostoma*
2. Female *Ascaris*
3. Male *Taenia*
4. Female *Wuchereria*
5. Male *Ancylostoma*
6. Male *Ascaris*

A B

- a) 2 3                      b) 4 3                      c) 6 2                      d) 6 3
302. The larva of *Bombyx mori* is known as  
a) Nymph                      b) Trochophore                      c) Cocoon                      d) Caterpillar
303. Mollusc, which does not have ink gland is  
a) *Pila*                      b) *Loligo*                      c) *Sepia*                      d) *Octopus*
304. The intermediate host of *Schistosoma* is  
a) Snail                      b) Mosquito                      c) Housefly                      d) Sheep
305. 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) Fertilization of eggs occurs inside the body
306. What is left when bath-sponges dries up?  
a) Spicules                      b) Spongin fibres                      c) Tentacles                      d) Holdfast
307. Which of the following can regenerate entire alimentary canal?  
a) Amphibian                      b) Fish                      c) Sea cucumber                      d) Birds
308. In rabbit, end of a long bone is connected with another by  
a) Tendon                      b) Ligaments                      c) Muscle                      d) Cartilage
309. The long bones are hollow and connected by air passage. These are characteristic of  
a) Mammalia                      b) Aves                      c) Reptilia                      d) Sponges
310. Choanocytes form the lining of paragastral cavity in  
a) Jelly fish                      b) Sponges                      c) Helminthes                      d) Echinoderms
311. In Ophiuroidea, branched arms are seen in

- a) *Gorgonocephalus*    b) *Clypeaster*    c) *Salmacis*    d) *Gorgonia*
312. Characteristic of coelenterate is occurrence of  
 a) Nematocysts    b) Polymorphism    c) Flame cells    d) Choanocytes
313. Mammals evolved from therapsid reptiles in Triassic period. The type of skull in these reptiles is  
 a) Anapsid skull    b) Parapsid skull    c) Synapsid skull    d) Diapsid skull
314. The level of organisation in Platyhelminthes is  
 a) Cellular level    b) Tissue level  
 c) Organ level    d) Organ-system level
315. 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
316. The animal with bilateral symmetry in young stage, and radial pentamerous symmetry in the adult stage belongs to the phylum  
 a) Annelida    b) Mollusca    c) Cnidaria    d) Echinodermata
317. Which of the following snake is non-poisonous?  
 a) Cobra    b) Krait    c) Viper    d) *Python*
318. Excretory organ in phylum-Hemichordata is  
 a) Proboscis gland    b) Gills    c) Collar    d) None of these
319. Classification of sponges is primarily based on the  
 a) Body organization    b) Body plan    c) Skeleton    d) Canal system
320. Select the statement that explain neoteny  
 a) Neonatal forms are found in mammals    b) Larval stages become sexually mature  
 c) Third larval stage of *Ascaris* shows need any    d) None of the above
321. Which of the following is incorrect for Aves?  
 a) Heart is four chambered and animals are oviparous  
 b) Presence of air cavities in bones and presence of feathers on the body  
 c) Digestive tract has additional chambers and animals are homiothermous  
 d) The forelimbs are not modified into wings
322. Select the phylum that is the largest of the kingdom-Animalia  
 a) Phylum-Mollusca    b) Phylum-Arthropoda    c) Phylum-Annelida    d) Phylum-Coelenterata
323. What distinguishes an insect from a crustacean?  
 a) Number of appendages    b) Number of eyes  
 c) Presence of wings    d) Arrangement of nerve cord
324. Biramous appendages are present in  
 a) Insect    b) Crustacea    c) Onychophora    d) Cephalopoda
325. Which one of the following does not have an excretory system?  
 a) *Myxine*    b) *Carcharodon*    c) *Balanoglossus*    d) *Asterias*
326. Which one of the following groups of three animals each is correctly matched with their one characteristic morphological feature?

Animal

Morphological Feature

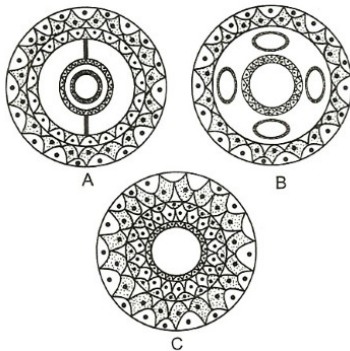
a)	Liver fluke, sea anemone, sea cucumber	Bilateral symmetry
c)	Scorpion, spider, cockroach	Ventral solid central nervous system

b)	Centipede, prawn, sea urchin	Jointed appendages
d)	Cockroach, locust, <i>Taenia</i>	Metameric segmentation

327. Metameric segmentation is the main feature of

- a) Annelida                      b) Echinodermata                      c) Arthropoda                      d) Coelenterata

328. Which of the following figure shows coelomate condition? Refer to NCERT for figures



- a) A                      b) B                      c) C                      d) None of these

329. Which among the following is an Indian monkey?

- a) *Ramapithecus*                      b) *Macaca*                      c) Gorilla                      d) *Pongidae*

330. Vivipary is found in

- a) Coelenterata                      b) Protozoa                      c) Rabbit                      d) Pisces

331. The number of gills present in osteichthyes is

- a) 2 pairs                      b) 6 pairs                      c) 5 pairs                      d) 4 pairs

332. Reptiles are different from amphibians in

- a) The skin  
b) Structure of the heart  
c) Development stages  
d) All of these

333. The pseudocoelomate among these is

- a) Porifera                      b) Annelida                      c) Aschelminthes                      d) Mollusca

334. Select which of the following is not an insect?

- a) *Apis indica*                      b) *Aranea*                      c) *Anopheles*                      d) None of these

335. Which one is not found in testis of frog?

- a) Sertoli cell                      b) Seminiferous tubule                      c) Germinal cell                      d) Interstitial cell

336. Asymmetrical animals are

- a) *Amoeba*                      b) *Spongilla*                      c) *Spongia*                      d) All of these

337. Which class shows the presence of amnion and chorionic membranes during development?

- a) Amphibian                      b) Osteichthyes                      c) Reptilia                      d) Chondrichthyes

338. Body cavity lined by mesoderm is called

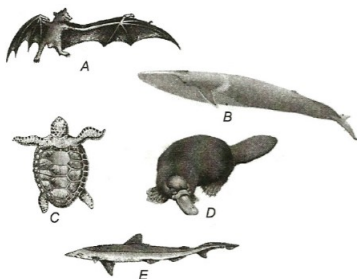
- a) Coelenteron                      b) Pseudocoel                      c) Coelom                      d) Blastocoels

339. Animals of class-Mammalia have

- a) Seven cervical vertebrae                      b) Seven cranial nerve  
c) Single ventricular chamber                d) Fourteen cervical vertebrae
340. Order-primata contains  
a) Shrew and hedgehog                      b) Bats and vampire                      c) Monkeys and man                      d) Horses and zebra
341. Which one of the following has an open circulatory system?  
a) *Pheretima*                      b) *Periplaneta*                      c) *Hirudinaria*                      d) *Octopus*
342. Collar cells are characteristic of  
a) Earthworm                      b) Roundworms                      c) Coelenterates                      d) Sponges
343. Which of the following groups of animals have the following feature?  
I. Diploblastic  
II. Acoelomate  
III. Radial symmetry  
a) *Planaria, Physalia, Aurelia*                      b) *Taenia, Fasciola, Wuchereria*  
c) *Adamsia, Berore, Meandrina*                      d) *Fasciola, Sycon, Sea walnut*
344. Which one of the following animals is correctly matched with its particular named taxonomic category?  
a) Cuttlefish – Mollusca, a class                      b) Humans – Primata, the family  
c) Housefly – *Musca*, an order                      d) Tiger – *tigris*, the species
345. Radial symmetry is seen in  
a) Echinodermata, Ctenophora and Cnidaria  
b) Mollusca, Porifera and Echinodermata  
c) Porifera, Annelida and Arthropoda  
d) None of the above
346. A detritivorous animal of economic importance is  
a) Earthworm                      b) Giriraja fow                      c) Caterpillar larva                      d) Leech
347. The female genital pores of *Pheretima posthuma* located upon the segment  
a) 14<sup>th</sup>                      b) 16<sup>th</sup>                      c) 18<sup>th</sup>                      d) 15<sup>th</sup>
348. Which statement is incorrect about *Pleurobrachia*?  
a) They are diploblastic                      b) They have tissue level organisation  
c) They have comb plates                      d) They are triploblastic
349. Maximum diversity is found in which of the following phylum?  
a) Chordata                      b) Arthropoda                      c) Protozoa                      d) Annelida
350. 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
351. Which parasite is present in seminal vesicle of earthworm?  
a) *Monocystis*                      b) *Nosema*                      c) *Sarcocystis*                      d) *Nictotherus*
352. In *Pheretima*, locomotion occurs with the help of  
a) Circular muscles                      b) Longitudinal muscles and setae  
c) Circular, longitudinal muscles and setae                      d) Parapodia
353. In Mollusca, eye is present over a stalk, called  
a) Ostracum                      b) Operculum                      c) Ommatophores                      d) Osphradium
354. Choose the correctly matched characters of the phylum  
a) Ctenophore – Radial symmetry – Cellular level of organisation – Acoelomate

- b) Platyhelminthes – Bilateral symmetry – Organ and organ system level of organisation – Pseudocoelomate  
 c) Echinodermata – Radial symmetry – Organ system level of organisation – Coelomate  
 d) Coelenterata – Bilateral symmetry tissue level organisation – acoelomate
355. Mollusc are usually  
 a) Terrestrial and parasitic  
 b) Aquatic and parasitic  
 c) Aquatic or terrestrial  
 d) None of these
356. Third moulting in *Ascaris* larva takes place in  
 a) Lung  
 b) Liver  
 c) Heart  
 d) Intestine
357. Which of the following statements are true/false?  
 I. Cell aggregate body plan is found in phylum-Platyhelminthes  
 II. Radial symmetry is the most common symmetry found in animals  
 III. Pseudocoelom is only found in phylum-Aschelminthes  
 IV. All triploblastic animals have a true coelom  
 V. Haemocoel is sometimes observed in animals belonging to phylum-Platyhelminthes  
 a) I and V are true and II, III and IV are false  
 b) II, III and V are true and I and IV are false  
 c) I, II and III are true and IV and V are false  
 d) I, II, IV and V are false, only III is true
358. Book lungs and look gills are found in which of the following animals, respectively?  
 a) Prawns and lobsters  
 b) Cockroaches and cuttle fish  
 c) *Pila* and crabs  
 d) Scorpion and king crabs
359. In rabbit, foliate papillae are  
 a) Situated on the margin of tongue  
 b) Situated on the upper surface of tongue  
 c) Situated at the base of tongue  
 d) Situated at the sides of the base of the tongue
360. Scientific name of starfish is  
 a) *Echinus*  
 b) *Limulus*  
 c) *Echidna*  
 d) *Asterias*
361. The second layer of epidermis in rat integument is  
 a) Stratum lucidum  
 b) Stratum germinativum  
 c) Stratum corneum  
 d) Stratum granulosum
362. Diploblastic animals belong to the phylum  
 a) Protista  
 b) Protozoa  
 c) Coelenterates  
 d) Platyhelminthes
363. Differentiated embryonic layers are called  
 I. ectoderm      II. Endoderm  
 III. Mesoderm    III. Mesoglea  
 a) I, II and IV  
 b) I, II and III  
 c) II, III and IV  
 d) I, III and IV
364. The pair of amphibians found in Indian peninsula is  
 a) *Amphiuma*  
 b) *Tyloto triton and Ichthyophis*  
 c) *Hyla and Ambystoma*  
 d) *Psittacus and Apteryx*
365. Which set includes pathogenic arthropods?  
 a) Tse-tse fly, mosquito, flea-plague  
 b) Crab, *Culex*, spider  
 c) *Anopheles*, *Culex*, cray fish  
 d) Silver fish, house fly, sandfly
366. In which of the following reptiles four chambered heart is present?

- a) Lizard                      b) Snake                      c) Scorpion                      d) Crocodile
367. Which of the parts in cockroach are fundamentally similar in structure?  
 a) Anal styles and labrum                      b) Maxillae and legs  
 c) Mandibles and antennae                      d) Wings and anal cerci
368. The respiratory pigment present in cockroach is  
 a) Haemoglobin                      b) Haemocyanin                      c) Oxyhaemoglobin                      d) None of these
369. Which of the following animal phyla does not possess a coelom?  
 a) Platyhelminthes                      b) Annelida                      c) Mollusca                      d) Echinodermata
370. Which of the following hormones regulates growth and metamorphosis in insect?  
 a) Juvenile hormone                      b) Brain hormone  
 c) Ecdysone                      d) Prothoracicotropic hormone
371. Juvenile hormone is secreted by  
 a) Thyroid gland                      b) Thymus gland                      c) Adrenal gland                      d) Corpora allata
372. Among the following, colonial insects are  
 a) Locusts                      b) Mosquitoes                      c) White ants                      d) Bed bug
373. Animals are classified on the basis of their symmetry into..... groups  
 a) 2                      b) 3                      c) 4                      d) 5
374. Correct order of ear ossicles in rabbit is  
 a) Incus, stapes, malleus                      b) Malleus, incus, stapes                      c) Malleus, stapes, incus                      d) Incus, malleus, stapes
375. In rabbit, the two fibro-elastic strands of the larynx extend between the  
 a) Thyroid and arytenoids cartilages                      b) Thyroid and cricoids cartilages  
 c) Santorini and thyroid cartilages                      d) Cricoid and tracheal cartilaginous rings
376. Which of the following are true to the prototherians?  
 I. Pectoral girdle is associated with T-shaped interclavicle.  
 II. Mammary glands are modified as sebaceous glands.  
 III. Pelvic girdle possesses epipubic bones.  
 IV. Vertebrae are with epiphyses.  
 a) I and III                      b) I and II                      c) III and IV                      d) II and III
377. Branch of zoology dealing with the study of fishes is known as  
 a) Herpetology                      b) Ichthyology                      c) Mammology                      d) Ornithology
378. Which of the following is a flightless bird?  
 a) Columba and corvus splendens                      b) Struthio and penguin  
 c) Tyto and psittacula                      d) All of the above
379. Chloragogen cells are present in *Pheretima*. These are specialized for performing function of  
 a) Nutrition                      b) Reproduction                      c) Excretion                      d) Respiration
380. Which of the following do not belong to class-Mammalia?





- a) B and E                      b) A and C                      c) E and C                      d) D and E
381. Radial symmetry is found in  
 a) Frog                      b) Starfish                      c) Humans                      d) *Pheretima*
382. Which one of the following is the most effective in *Ascaris* infection?  
 a) Chloroquinine                      b) *Cinchona*                      c) *Colchicum*                      d) Oil of *Chenopodium*
383. Which of the following statements is true?  
 a) All chordates are vertebrates                      b) All vertebrates are chordates  
 c) Invertebrates possess a tubular nerve cord                      d) Non-chordates have a vertebral column
384. Bilateral symmetry, metameric segmentation, coelom and open circulatory system are the features of  
 a) Annelida                      b) Arthropoda                      c) Mollusca                      d) Echinodermata
385. The functional kidney of frog tadpole is  
 a) Archinephros                      b) Pronephros                      c) Mesonephros                      d) Metanephros
386. In *Pheretima*, the number of ring vessels per segment in 12<sup>th</sup> and 13<sup>th</sup> segments is  
 a) 10 pairs                      b) 11 pairs                      c) 12 pairs                      d) 24 pairs
387. Excretory organs in echinoderm is  
 a) Nephridia                      b) Green glands                      c) Flame cells                      d) None of these
388. Accessory gland associated with the genital organs in female rats are  
 I. Vestibular bartholin  
 II. Cowper's gland  
 III. Ampullary gland  
 IV. Vesicular gland  
 a) I and II                      b) III and II                      c) IV only                      d) I only
389. In rabbit, head of epididymis present at the head of the testis is called  
 a) Vas deferens                      b) Cauda epididymis                      c) Gubernaculum                      d) Caput epididymis
390. Phylum of *Taenia solium* is  
 a) Aschelminthes                      b) Annelida                      c) Platyhelminthes                      d) Mollusca
391. 'Water-vascular' system is found in  
 a) Sea-anemone                      b) Sea-pen                      c) Sea-cucumber                      d) Sea-horse
392. Nucleated RBC is present in  
 a) Man                      b) Rat                      c) Frog                      d) Rabbit
393. Fertilization in earthworm occurs in  
 a) Cocoon                      b) Spermathecae                      c) Coelom                      d) Seminal vesicles
394. Protandry refers to the  
 a) Excretory organs present in Arthropoda                      b) Connecting links between 2 phyla  
 c) Earlier maturation of male sex organs than female sex organs                      d) Features in ancient missing links
395. Which of the following groups of animals maintains high and constant body temperature such as mammals?  
 a) Reptiles                      b) Amphibians                      c) Birds                      d) Fishes
396. Which of the following orders lack canine teeth?  
 a) Rodentia                      b) Primates                      c) Carnivora                      d) None of these
397. Animals active at night are  
 a) Diurnal                      b) Nocturnal                      c) Parasites                      d) Nocto-diurnal
398. Which type of kidneys are found in amphibians?

- a) Holonephric      b) Mesonephric      c) Pronephric      d) Metanephric
399. A coelom is a
- a) Cavity between body wall and gut wall      b) Body cavity lined by mesoderm
- c) Body cavity not lined by mesoderm      d) Body cavity lined by endoderm
400. Starfish belongs to phylum
- a) Porifera      b) Coelenterata      c) Echinodermata      d) Arthropoda



**Amaze Classes**

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NEXT LEVEL LEARNING