

301. Unlike reptiles, amphibians have \_\_\_\_\_ skin.

- A) Dry
- B) Moist**
- C) Arid
- D) Dehydrated

302. There are about \_\_\_\_\_ known species of amphibians worldwide.

- A) 1,500
- B) 2,500**
- C) 3,500
- D) 3,500

303. Amphibians breathe through the use of \_\_\_\_\_, lungs, through their skin, or by a combination of these methods.

- A) Mouths
- B) Jowls
- C) Ears
- D) Gills**

304. Amphibians rarely drink. They normally \_\_\_\_\_ water through their \_\_\_\_\_.

- A) absorb; skin**
- B) take in; mouths
- C) emit; skin
- D) swallow; mouths

305. Of the adult amphibians, only \_\_\_\_\_ usually have tails.

- A) Frogs
- B) Toads
- C) Salamanders**
- D) none of the answers listed

306. Toads tend to hop, whereas frogs \_\_\_\_\_.

- A) Plunge
- B) Leap**
- C) hop too
- D) Stay

307. Frogs are usually more \_\_\_\_\_ than toads.

- A) Endangered
- B) Natatory
- C) Pelagic
- D) Aquatic**

308. Which of the following factors affect the color of toads and frogs?

- A) Temperature
- B) Humidity
- C) Environment
- D) all of the answers listed**

309. Female frogs and toads are usually \_\_\_\_\_ than the males.

- A) Smaller
- B) Larger**
- C) the same size as
- D) none of the answers listed

310. Toads are noted for \_\_\_\_\_, especially in loose soils.

- A) Burrowing**
- B) Covering
- C) Filling
- D) Hiding

311. All toads and frogs have very good \_\_\_\_\_.

- A) eye sight
- B) sense of smell
- C) Hearing**
- D) sense of taste

312. Most frogs and toads are \_\_\_\_\_, but some are diurnal.

- A) day amphibians
- B) Nocturnal**
- C) Carnivorous
- D) none of the answers listed

313. Toads and frogs make vocalizations with the use of a \_\_\_\_\_.

- A) vocal chord
- B) vocal bag
- C) vocal sac**
- D) none of the answers listed

314. \_\_\_\_\_ calls are often given in chorus by the males and may be heard for miles.

- A) Territorial
- B) Mating**
- C) Distress
- D) Release

315. Other than mating, which of the following uses do frogs and toads use calls?

- A) territorial calls
- B) distress calls
- C) release calls
- D) all of the answers listed**

316. Which of the following is a good spot to find frogs?

- A) Marshes
- B) Ponds
- C) Lakes
- D) all of the answers listed**

317. Toads are generally more \_\_\_\_\_ than frogs and can often be found some distance from \_\_\_\_\_.

- A) terrestrial; standing water**
- B) cosmic; standing water
- C) terrestrial; moving water
- D) cosmic; moving water

318. Most tadpoles are \_\_\_\_\_.

- A) Vegetarian**
- B) Herbivorous
- C) Vegan
- D) none of the answers listed

319. Adult frogs and toads are \_\_\_\_\_ and feed mostly on \_\_\_\_\_.

- A) herbivorous; insects and other invertebrates

- B) omnivorous; insects
- C) carnivorous; insects and other invertebrates**
- D) none of the answers listed

320. \_\_\_\_\_ is vital to all life forms on Earth.

- A) Food
- B) Water**
- C) Clean air
- D) none of the answers listed

321. Ninety-seven percent of the water found on Earth is found in the \_\_\_\_\_.

- A) Oceans**
- B) Lakes
- C) Rivers
- D) Streams

322. Fresh water makes up about \_\_\_\_\_ percent of the water on Earth, and of this amount more than \_\_\_\_\_ is frozen in the polar icecaps.

- A) 3; two-thirds
- B) 3; one-half
- C) 3; one-third**
- D) 2; one-eighth

323. Which of the following is a major user of freshwater?

- A) Industry
- B) Agriculture
- C) domestic users
- D) all of the answers listed**

324. It is estimated that each American uses about \_\_\_\_\_ gallons of water each day.

- A) 100
- B) 150**
- C) 250
- D) 350

325. It is estimated that \_\_\_\_\_ in the United States uses about 2.5 billion gallons of water each day.

- A) Agriculture

**B) Industry**

- C) domestic users
- D) hydroelectric plants

326. Water is also vital to hundreds of species of \_\_\_\_\_ and wildlife.

**A) Fish**

- B) Amphibians
- C) Toads
- D) Snakes

327. It has been estimated that the average wetland supports more than \_\_\_\_\_ species of small game mammals.

**A) 20**

- B) 30
- C) 40
- D) 50

328. Which of the following is a way in which we alter wetland habitat?

- A) dam rivers and streams
- B) drain marshes and swamps
- C) pollute fresh water with sewage, industrial waste, pesticides, and petroleum products
- D) all of the answers listed**

329. Which of the following is a common pollutant of freshwater habitats?

- A) dumping of chemicals, polluted waste water, and raw sewage into many of the nation's waterways
- B) pesticides and herbicides that farmers use to produce our abundant and cheap food supply wash into streams, rivers, lakes and reservoirs
- C) herbicides, pesticides, fertilizers, and other chemicals used on millions of lawns
- D) all of the answers listed**

330. The first legislation to protect our water, \_\_\_\_\_, was passed in 1972.

**A) The Water Pollution Control Act**

- B) The Freshwater Pollution Control Legislation
- C) The Water Pollution Subordination Act
- D) The Water Pollution Release Legislation

331. In 1985 a new bill, known as the \_\_\_\_\_, was passed to protect fresh water.

- A) Clean Water Legislation
- B) Polluted Water Act
- C) Clean Water Act**
- D) Polluted Water Legislation

332. Which of the following is now being done to help reduce pollution in fresh water?

- A) Untreated chemicals are no longer dumped straight into the nearest river
- B) Wastewater left over from the production of paper and steel is now treated before returning to its source
- C) Cities no longer dump untreated, raw sewage into streams and rivers
- D) all of the answers listed**

333. The pesticide \_\_\_\_\_ could still be found in some fish in the 1980s, even though it had been banned in \_\_\_\_\_.

- A) DDT; 1962
- B) DDT; 1972**
- C) DDT; 1982
- D) DDT; 1992

334. It is estimated that the CRP reduced pesticide use by \_\_\_\_\_ million pounds per year.

- A) 30
- B) 40
- C) 50
- D) 60**

335. Which of the following is a type of freshwater habitat?

- A) Lake
- B) River
- C) Reservoir
- D) all of the answers listed**

336. Which of the following is a way we destroy or damage freshwater habitats?

- A) dam a stream or river
- B) degrade and destroy stream and river habitats by developing their banks
- C) bulldoze vegetation along a waterway to make way for a road or subdivision
- D) all of the answers listed**

337. Aquatic plants provide essential \_\_\_\_\_ to freshwater habitats as a by-product of the photosynthesis process.

- A) carbon dioxide
- B) Oxygen**
- C) Helium
- D) Magnesium

338. Healthy aquatic habitats contain a balance of many different \_\_\_\_\_.

- A) life forms**
- B) Plants
- C) Fish
- D) Waterfowl

339. Including the saltwater fishes, there are more than \_\_\_\_\_ species of fish in the world.

- A) 20,000**
- B) 30,000
- C) 40,000
- D) 50,000

340. More than 350 species of \_\_\_\_\_ are found in the United States.

- A) saltwater fishes
- B) Lizards
- C) freshwater fishes**
- D) Frogs

341. The \_\_\_\_\_ are the largest group of freshwater fish found in North America.

- A) golden shiners
- B) Minnows**
- C) Goldfish
- D) fathead minnow

342. \_\_\_\_\_ were originally native to Asia but have been widely introduced in the United States.

- A) Goldfish**
- B) Minnows
- C) Golden shiners
- D) Fathead minnows

343. The \_\_\_\_\_ minnow is a favorite bait of anglers and is widely used for fish propagation.

- A) golden shiner
- B) Carp
- C) gizzard shad
- D) Fathead**

345. Originally introduced from Europe, \_\_\_\_\_ can now be found from Nova Scotia to southern Manitoba and southward throughout much of the United States.

- A) Goldfish
- B) Carp**
- C) longnose gars
- D) gizzard shads

346. The \_\_\_\_\_ is the only gar with a snout twice the length of its head found in the United States.

- A) alligator gar
- B) gizzard shad
- C) Carp
- D) longnose gar**

347. The \_\_\_\_\_ is our largest gar, with a rod-and-reel record of 279 pounds.

- A) longnose gar
- B) alligator gar**
- C) gizzard shad
- D) Carp

348. Economically, the \_\_\_\_\_ are very important fish.

- A) Salmon**
- B) Trout
- C) Pike
- D) Catfish

349. Our largest freshwater trout, the \_\_\_\_\_, has a rod-and-reel record of over 60 pounds.

- A) Rainbow trout
- B) brown trout
- C) lake trout**
- D) cutthroat trout

350. The rainbow trout prefers swift, \_\_\_\_\_ water, with adequate vegetative cover.

- A) Cloudy
- B) Clear**
- C) Muddy
- D) none of the answers listed

351. The \_\_\_\_\_ trout prefers slower waters than the rainbow, but otherwise its habitat preference is very similar.

- A) Brown**
- B) Lake
- C) Cutthroat
- D) Brook

352. Catfish are largely bottom feeders and appear to be \_\_\_\_\_ in their feeding habits.

- A) Herbivorous
- B) Carnivorous
- C) Omnivorous**
- D) none of the answers listed

353. \_\_\_\_\_ catfish prefer larger bodies of water, such as reservoirs and large rivers.

- A) Channel**
- B) Blue
- C) Flathead
- D) none of the answers listed

354. Smallmouth bass prefer rocky, \_\_\_\_\_ and rivers and may reach 10 pounds or more.

- A) cloudy lakes
- B) clear lakes**
- C) muddy lakes
- D) none of the answers listed

355. Trophy \_\_\_\_\_ are one of our most sought-after fish.

- A) smallmouth bass'
- B) redear sunfish
- C) rainbow trout
- D) largemouth bass**

356. The \_\_\_\_\_ is a widespread sunfish, ranging over most of the eastern half of the United States.

- A) redear sunfish
- B) bluegill sunfish**
- C) longear sunfish
- D) black crappie

357. \_\_\_\_\_ prefer still, quiet, clear waters, with sand or mud bottoms and abundant submerged vegetation.

- A) Black crappie**
- B) White crappie
- C) Walleye
- D) White bass

358. The \_\_\_\_\_ is our only large perch, reaching 3 feet and 20 pounds.

- A) white bass
- B) black crappie
- C) Walleye**
- D) redear sunfish

359. The \_\_\_\_\_ is actually a saltwater species that has been widely introduced in larger impoundments and reservoirs.

- A) striped bass**
- B) largemouth bass
- C) smallmouth bass'
- D) White bass

360. The estimated revenue generated by the environmental services industry in the United States is in excess of \_\_\_\_\_ billion.

- A) \$100**
- B) \$200
- C) \$300
- D) \$400

361. In the conservation and environmental fields one factor that must be considered is whether you want to work \_\_\_\_\_ or \_\_\_\_\_.

- A) both indoors; outdoors
- B) indoors; outdoors**
- C) none of the answers listed

362. Careers in the conservation and environmental field are extremely \_\_\_\_\_.

- A) Similar
- B) Alike
- C) Varied**
- D) none of the answers listed

363. Wildlife biologists are directly involved with the study of wildlife and their \_\_\_\_\_.

- A) eating habits
- B) drinking habits
- C) Personalities
- D) Habitat**

364. \_\_\_\_\_ usually spend a good portion of their time outdoors - hiking, climbing, and walking and observing and handling wildlife.

- A) Conservation officers
- B) Wildlife biologists**
- C) Outdoor recreation specialists
- D) Computer specialists and technicians

365. Those responsible for enforcing wildlife and conservation laws are often called \_\_\_\_\_.

- A) game wardens or conservation officers**
- B) wildlife biologists
- C) outdoor recreation specialists
- D) computer specialists and technicians

366. Conservation officers should enjoy working with \_\_\_\_\_ and wildlife.

- A) their families
- B) their spouses
- C) People**
- D) none of the answers listed

367. Outdoor \_\_\_\_\_ are the people who often greet us when we enter a state or national wildlife refuge or monument.

- A) conservation officers
- B) computer specialists
- C) game wardens
- D) recreation specialists**

368. Outdoor recreation specialists plan nature walks, \_\_\_\_\_, and tours for a wide variety of facilities.

- A) **educational programs**
- B) boating events
- C) water-skiing events
- D) none of the answers listed

369. \_\_\_\_\_ specialists are vital support personnel for many wildlife agencies.

- A) **All answers listed**
- B) Computer
- C) Conservation
- D) Wildlife

370. Most jobs in the past have been with \_\_\_\_\_ and federal agencies.

- A) City
- B) **State**
- C) Country
- D) National

371. More and more opportunities will become available with \_\_\_\_\_.

- A) public industry
- B) non-profit agencies
- C) **private industry**
- D) none of the answers listed

372. Forest wildlife generally survive best in forests that are \_\_\_\_\_.

- A) of even-age trees
- B) Deciduous
- C) Evergreen
- D) **of mixed-age trees**

373. The most critical wildlife management area is the \_\_\_\_\_.

- A) Farm
- B) **Wetlands**
- C) Streams

D) Forest

374. When two species of wildlife live together for the benefit of both, the relationship is called \_\_\_\_\_

- A) Mutualism**
- B) Competition
- C) Predation
- D) Commensalism

375. The raising and selling of wildlife for hunting is an example of what type of relationship between humans and wildlife?

- A) Commercial**
- B) biological excess
- C) Recreational
- D) Social

376. Rabbits, quails, pheasants, doves, and deer are wildlife often targeted for management in \_\_\_\_\_.

- A) Forests
- B) Wetlands
- C) farm areas**
- D) none of the answers listed

377. Management of deer is a concern of \_\_\_\_\_ wildlife managers.

- A) all of the answers listed
- B) Forest**
- C) Farm
- D) Wetlands

378. Wetlands should be made up of about \_\_\_\_\_ shallow, standing water for optimum wildlife use.

- A) One-fourth
- B) Two-thirds
- C) One-third**
- D) One-half

379. The branch of biology that deals with animal life is \_\_\_\_\_.

- A) Limnology
- B) Botany

- C) Silviculture
- D) Zoology**

380. Which of the following animal classifications is not one of the key taxonomy headings used by taxonomists to describe an animal?

- A) Vertebrate**
- B) Class
- C) Order
- D) Family

381. An animal that has canine teeth is most likely to eat a diet of \_\_\_\_\_.

- A) grasses and herbs
- B) worms and grubs
- C) Meat**
- D) Insects

382. A ruminant animal is most likely to eat a diet of \_\_\_\_\_.

- A) worms and grubs
- B) grasses and herbs**
- C) Meat
- D) Insects

383. Identify the term that does not apply to a description of the process of mitosis.

- A) Haploid**
- B) Anaphase
- C) Prophase
- D) Chromatid

384. Chromosomes are pulled to the center of the cell by spindles during which step of mitosis?

- A) Anaphase
- B) Telophase
- C) Prophase
- D) Metaphase**

385. A term describing an ectotherm with a moist skin, no visible scales, and no claws on its toes is a/an \_\_\_\_\_.

- A) Plastron
- B) Amphibian**
- C) Tympanum

D) Reptile

386. A zygote is a \_\_\_\_\_.

- A) Female gamete
- B) Male gamete
- C) Haploid cell
- D) Diploid cell**

387. Reproduction in mammals involves which of the following processes?

- A) Laying fertilized eggs that hatch outside the body of the female
- B) Giving birth to live young**
- C) Producing eggs that hatch inside the body of the female just prior to birth
- D) Laying eggs that are fertilized outside the body of the female

388. Which of the following is not a characteristic of a mammal?

- A) they are protected by a coat of hair
- B) they are warm-blooded
- C) young are produced from eggs**
- D) young are nourished with milk

389. In the food chain, gnawing mammals are generally considered to be \_\_\_\_\_.

- A) primary consumers**
- B) Nocturnal
- C) Producers
- D) secondary consumers

390. Which of the following animals is considered to be the smallest of the rodents?

- A) the vole
- B) the lemming
- C) the mouse**
- D) the porcupine

391. Which of the following is a ground squirrel?

- A) the chickaree
- B) the chipmunk**
- C) the fox squirrel
- D) the gray squirrel

392. Which of the following animals is also known as the "rockchuck?"

- A) the woodchuck
- B) the yellow-bellied marmot**
- C) the hoary marmot
- D) the black-tailed prairie dog

393. Which of the gnawing mammals is equipped with a second set of incisor teeth behind the front set?

- A) the rabbit**
- B) the prairie dog
- C) the rat
- D) the squirrel

394. How is the population cycle of jackrabbits related to the population of coyotes?

- A) when jackrabbit populations are high, coyote populations are low
- B) low jackrabbit populations correspond to high coyote populations
- C) jackrabbit and coyote populations rise and fall at the same time**
- D) coyote populations follow the same pattern of jackrabbit populations, but the coyote population cycle is delayed behind that of the jackrabbit.

395. The preferred food of the porcupine is \_\_\_\_\_.

- A) Seeds
- B) Berries
- C) Flesh
- D) tree bark**

396. The hoof of a cloven-hoofed animal is \_\_\_\_\_.

- A) divided into two hooves**
- B) a single hoof
- C) divided into four toes
- D) divided into three toes

397. Wild animals that are ruminants eat diets consisting mostly of \_\_\_\_\_.

- A) Meat
- B) Crustaceans
- C) Roughage**
- D) Seeds

398. Which of the following animals is not a member of the deer family?

- A) Pronghorn**
- B) key deer
- C) Elk
- D) Moose

399. A mature female pronghorn is called a \_\_\_\_\_.

- A) Cow
- B) Doe**
- C) Sow
- D) Ewe

400. A newborn baby deer is called a \_\_\_\_\_.

- A) Fawn**
- B) Cub
- C) Lamb
- D) Calf