

## Zoology - Important MCQs

**Q1:** Who is the author of “The Origin of Species”?

**Ans:** Charles Darwin

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**Q2:** Water has maximum density at \_\_\_\_?

**Ans:** 4°C

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**Q3:** The strongest muscle in the human body is \_\_\_\_?

**Ans:** Thigh

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**Q4:** Animals that eat both plants and animals are known as?

**Ans:** Omnivores

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**Q5:** Crossing over in meiosis takes place in \_\_\_\_?

**Ans:** Pachytene

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**Q6:** All the insects have \_\_\_\_ pairs of legs.

**Ans:** Three

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**Q7:** The study of reptiles and amphibians is called \_\_\_\_?

**Ans:** Herpetology

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**Q8:** The condition in which sugar is found in urine is called?

**Ans:** Glycosuria

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**Q9:** Primary function of respiratory system is \_\_\_\_\_?

**Ans:** Gas exchange

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**Q10:** Ductless gland are known as \_\_\_\_\_?

**Ans:** Endocrine glands

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**Q11:** In the inner ear of fishes, the \_\_\_\_\_ detects rotational movements.

**Ans:** Semicircular canal

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**Q12:** Mushrooms belong to which of the following groups?

**Ans:** Fungi

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**Q13:** One of the following is the respiratory controlling center?

**Ans:** Medulla

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**Q14:** Insects breathe through which organ?

**Ans:** Spiracles

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**Q15:** Bodies which are usually fall from sky to the earth are called?

**Ans:** Meteorites

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**Q16:** Birds are thought to have descended from the ancient reptiles known as \_\_\_\_\_?

**Ans:** Archosaurs

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**Q17:** Red colour of the blood is due to \_\_\_\_\_?

**Ans:** Haemoglobin

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**Q18:** The syntheses of an RNA molecule from DNA is called \_\_\_\_.

**Ans:** Transcription

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**Q19:** If a person with blood type AB marries a person with blood type O. What blood types are possible in their children?

**Ans:** B and A only

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**Q20:** Homologous structure have \_\_\_\_?

**Ans:** Similar origin but similar or dissimilar functions

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**Q21:** DNA is made up of small unit called nucleotide. Each nucleotide consists of three components. These are \_\_\_\_?

**Ans:** 5-Carbon sugar, Nitrogenous base, Phosphate group

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**Q22:** Reflex action in the body is controlled by \_\_\_\_?

**Ans:** Spinal cord

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**Q23:** Which of the following organisms is invertebrate?

**Ans:** Worms

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**Q24:** Eohippus is considered to be an ancestor of the \_\_\_\_?

**Ans:** Horse

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**Q25:** True and complete metamorphosis occurs in \_\_\_\_?

**Ans:** Moth

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**Q26:** Metamorphosis in insects includes the stages larva, pupa, and \_\_\_\_?

**Ans:** Adult

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**Q27:** Muscles are joined to bones by \_\_\_\_?

**Ans:** Tendons

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**Q28:** The cause of malaria is \_\_\_\_?

**Ans:** Plasmodium

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**Q29:** Carbon dating is used for \_\_\_\_?

**Ans:** Finding the age

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**Q30:** The relationship in which one organism lives on or inside another organism and benefits at the expense of the host is called:

**Ans:** Parasitism

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**Q31:** The science that studies the geographic distribution of plants and animals is \_\_\_\_?

**Ans:** Biogeography

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**Q32:** The study of fishes is called \_\_\_\_?

**Ans:** Ichthyology

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**Q33:** Water vascular system in echinoderms used for:

**Ans:** Respiration

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**Q34:** Peripatus is the junction between \_\_\_\_\_?

**Ans:** Arthropods and annelids

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**Q35:** Which of the following can be said as the "Theory of Darwin"?

**Ans:** Survival of the fittest and struggle for existence

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**Q36:** Which of the following is the largest moist forest with broad leaves?

**Ans:** The Amazon Tropical Rainforest

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**Q37:** A pyrimidine that is absent in RNA is:

**Ans:** thymine

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**Q38:** Mulberry silkworm is \_\_\_\_\_?

**Ans:** Bombyx mori

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**Q39:** Enzymes required for transcription is?

**Ans:** RNA polymerase

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**Q40:** Mangroves forest are found in \_\_\_\_\_?

**Ans:** Indus delta Sindh

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**Q41:** Amphibians have \_\_\_\_\_ chamber heart.

**Ans:** 5

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**Q42:** Animals use nitrogen in the form of \_\_\_\_\_?

**Ans:** Proteins

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**Q43:** Which endocrine glands become inactive during old age?

**Ans:** Thymus

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**Q44:** All human beings, animals, and plant life depend on \_\_\_\_?

**Ans:** Water

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**Q45:** Of the following disease, the one caused by a worm is?

**Ans:** Treichinosis

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**Q46:** The meat of calf is called \_\_\_\_?

**Ans:** Veal

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**Q47:** Which fish used to control malaria?

**Ans:** Gambusia

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**Q48:** The reproductive cycle of material parasite consist of \_\_\_\_?

**Ans:** 48 hours

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**Q49:** Germ cells in vertebrate gonads are produced by \_\_\_\_?

**Ans:** To synthesis DNA

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**Q50:** Amphibians are considered to be evolved from \_\_\_\_?

**Ans:** Dipnoi

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**Q51:** Incubation period of green turtle is \_\_\_\_?

**Ans:** 40 to 60 days

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**Q52:** Which one of the following parasite is transmitted by culex mosquito?

**Ans:** Filaria

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**Q53:** A lamprey, a shark, a lizard and a rabbit share the following characteristic except?

**Ans:** Hinged jaws

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**Q54:** Cytology is the study of the structure and function of \_\_\_\_?

**Ans:** Cells

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**Q55:** Which of the following are locomotor structures used by bacteria?

**Ans:** Flagella

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**Q56:** The parotid glands are \_\_\_\_?

**Ans:** Mucous glands found in toads

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**Q57:** Water lungs are found in \_\_\_\_?

**Ans:** Most of invertebrates

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**Q58:** The hormone epinephrine is secreted by the \_\_\_\_?

**Ans:** Adrenal gland

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**Q59:** Mesozoic Era constitutes the age of \_\_\_\_?

**Ans:** Reptiles

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**Q60:** The Father of Modern Embryology is \_\_\_\_?

**Ans:** F. Balfour

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**Q61:** Epidermal gills are present in \_\_\_\_?

**Ans:** Tailed amphibians

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**Q62:** The bacteria that cause Rocky Mountain spotted fever are transmitted by \_\_\_\_?

**Ans:** Ticks

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**Q63:** In Sycon the radial canal is mainly lined by \_\_\_\_?

**Ans:** Choanocyte

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**Q64:** Single large opening at the top of spongocoel is called \_\_\_\_?

**Ans:** Osculum

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**Q65:** Animals feeding on plants are called \_\_\_\_?

**Ans:** Herbivores

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**Q66:** Adrenal gland is situated at the apex of each \_\_\_\_?

**Ans:** Kidney

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**Q67:** Which of the following phyla of animals is/are exclusively marine?

**Ans:** Echinodermata

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**Q68:** A prehistoric animal preserved in tar pits was \_\_\_\_?

**Ans:** Saber-tooth tiger

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**Q69:** Femoral glands are found in \_\_\_\_?

**Ans:** Reptiles

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**Q70:** Vacier insects \_\_\_\_\_?

**Ans:** Destroy crops

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**Q71:** Koala bear's diet is only restricted to \_\_\_\_\_?

**Ans:** Eucalyptus leaves

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**Q72:** Night active animals are said to be \_\_\_\_\_?

**Ans:** Nocturnal

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**Q73:** Semi circular canal are mainly organs of \_\_\_\_\_?

**Ans:** Balance

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**Q74:** An important characteristic feature, which is present only in the phylum Coelenterata?

**Ans:** Nematocysts

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**Q75:** In which of the following organs of the alimentary canal, there is least or no peristalsis?

**Ans:** Rectum

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**Q76:** Which of the following characters is not typical to class Mammalia?

**Ans:** Ten pairs of cranial nerves

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**Q77:** If CO<sub>2</sub> concentration in the blood increases, the breathing will \_\_\_\_\_?

**Ans:** Increase

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**Q78:** Which hormones are synthesized by the hypothalamus?

**Ans:** All of the above

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**Q79:** Which of the following is a food chain?

**Ans:** Grazing food chain

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**Q80:** Which of the following has only the polyp stage in their life cycle?

**Ans:** Anthozoa

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**Q81:** The early cleavage in chick embryo is \_\_\_\_?

**Ans:** Meroblastic

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**Q82:** Phylum Coelenterata is characterized by the presence of \_\_\_\_?

**Ans:** Nematocysts

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**Q83:** Cleavages that occur around the top of the yolk, instead of dividing the whole egg, are said to be \_\_\_\_?

**Ans:** Meroblastic

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**Q84:** Water vascular system is a characteristic feature of \_\_\_\_?

**Ans:** Echinodermata

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**Q85:** The secondary host of *Taenia solium* is \_\_\_\_?

**Ans:** Pig

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**Q86:** The digestion of food by an animal is an example of \_\_\_\_?

**Ans:** Catabolism

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**Q87:** Bones of the reptiles are covered by \_\_\_\_?

**Ans:** Keratin

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**Q88:** What is the name of the event during gametogenesis when pieces of chromosomes may reunited at correct sites but with wrong ends?

**Ans:** Inversion

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**Q89:** Which of the following is a mammal ?

**Ans:** Minke Whale

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**Q90:** Elephant has \_\_\_\_ pairs of chromosomes.

**Ans:** 28

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**Q91:** In marine ecosystems, the region that extends from the splash zone of ocean waves to low tide waves is called \_\_\_\_?

**Ans:** Intertidal

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**Q92:** Social behaviors of insects are most highly developed in members of the order \_\_\_\_?

**Ans:** Hymenoptera

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**Q93:** The protective pouch that covers the mammary glands of female metatherians is the \_\_\_\_?

**Ans:** Marsupium

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**Q94:** Animals which come out for feeding purpose at night are?

**Ans:** Nocturnal animals

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**Q95:** Mammals under this subclass give birth to young one?

**Ans:** Eutheria

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**Q96:** The conservation hawks and owls is important to mankind chiefly because these birds eat

**Ans:** Many harmful rodents

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**Q97:** The first phase reproduction malarial parasite completes in the \_\_\_\_?

**Ans:** Liver of man

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**Q98:** Farming of honey bees is called \_\_\_\_?

**Ans:** Apiculture

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**Q99:** The animal population of a given is called \_\_\_\_?

**Ans:** Fauna

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**Q100:** Sexual maturity in a larval form is called \_\_\_\_?

**Ans:** Neoteny

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