

## **Quiz: Zoology Set 17**

---

**Q801: Which phylum is characterised by presence of notochord at any stage of life cycle?**

- A) Echinodermata
- B) Chordata
- C) Arthropoda
- D) Mollusca

**Q802: Which epithelial tissue forms the lining of stomach?**

- A) Simple squamous epithelium
- B) Simple cuboidal epithelium
- C) Simple columnar epithelium
- D) Stratified epithelium

**Q803: Which enzyme converts pepsinogen into pepsin?**

- A) Trypsin
- B) Enterokinase
- C) HCl
- D) Rennin

**Q804: Which respiratory pigment is present in vertebrate muscles?**

- A) Haemoglobin
- B) Myoglobin
- C) Haemocyanin
- D) Chlorocruorin

**Q805: Which blood group is called universal donor?**

- A) A+
- B) B+
- C) AB+
- D) O-

**Q806: Which hormone increases sodium reabsorption in distal tubules?**

- A) ADH
- B) ANF
- C) Aldosterone
- D) Renin

**Q807: Which connective tissue connects bones to bones?**

- A) Tendon
- B) Ligament
- C) Cartilage
- D) Areolar tissue

**Q808: Which part of brain controls thermoregulation and hunger?**

- A) Cerebrum
- B) Cerebellum
- C) Medulla oblongata

D) Hypothalamus

**Q809: Which hormone induces ovulation in human females?**

- A) FSH
- B) LH
- C) Estrogen
- D) Progesterone

**Q810: Which organism reproduces asexually by multiple fission?**

- A) Amoeba
- B) Paramecium
- C) Plasmodium
- D) Euglena

**Q811: Which hormone is responsible for maintenance of pregnancy?**

- A) Estrogen
- B) Progesterone
- C) FSH
- D) LH

**Q812: Which ART involves transfer of embryos into uterus?**

- A) GIFT
- B) ZIFT
- C) IVF-ET
- D) ICSI

**Q813: Which inheritance pattern shows expression of both alleles in heterozygote?**

- A) Incomplete dominance
- B) Codominance
- C) Polygenic inheritance
- D) Epistasis

**Q814: Which enzyme synthesises RNA primer during DNA replication?**

- A) Helicase
- B) Primase
- C) Ligase
- D) DNA polymerase I

**Q815: Which nitrogenous base is present only in RNA?**

- A) Adenine
- B) Cytosine
- C) Thymine
- D) Uracil

**Q816: Which hominid is known as first tool maker?**

- A) Australopithecus
- B) Homo habilis
- C) Homo erectus
- D) Homo sapiens

**Q817: Which immunity is obtained by vaccination?**

- A) Natural active
- B) Natural passive
- C) Artificial active
- D) Artificial passive

**Q818: Which microbe is used for production of antibiotics like penicillin?**

- A) Streptomyces
- B) Penicillium
- C) Aspergillus
- D) Rhizobium

**Q819: Which enzyme joins Okazaki fragments during DNA replication?**

- A) Primase
- B) DNA polymerase I
- C) DNA polymerase III
- D) DNA ligase

**Q820: Which population interaction benefits one species and harms the other?**

- A) Mutualism
- B) Commensalism
- C) Parasitism
- D) Competition

**Q821: Which ecological pyramid is always upright?**

- A) Pyramid of number
- B) Pyramid of biomass
- C) Pyramid of energy
- D) All pyramids

**Q822: Which region shows maximum biodiversity?**

- A) Polar
- B) Temperate
- C) Tropical
- D) Desert

**Q823: Which connective tissue acts as shock absorber and insulator?**

- A) Bone
- B) Cartilage
- C) Adipose tissue
- D) Areolar tissue

**Q824: Which hormone causes milk ejection reflex?**

- A) Prolactin
- B) Oxytocin
- C) Estrogen
- D) Progesterone

**Q825: Which part of oviduct is the site of fertilisation?**

- A) Infundibulum
- B) Ampulla
- C) Isthmus
- D) Uterus

**Q826: Which chromosomal disorder is caused by trisomy of chromosome 21?**

- A) Edward syndrome
- B) Patau syndrome
- C) Down syndrome
- D) Turner syndrome

**Q827: Which RNA carries genetic information from DNA to ribosome?**

- A) tRNA
- B) rRNA
- C) mRNA
- D) snRNA

**Q828: Which evolutionary process results in analogous organs?**

- A) Divergent evolution
- B) Convergent evolution
- C) Mutation
- D) Genetic drift

**Q829: Which disease is caused by *Salmonella typhi*?**

- A) Cholera
- B) Typhoid
- C) Plague
- D) Amoebiasis

**Q830: Which microbe is used for production of biofertiliser in rice fields?**

- A) Rhizobium
- B) Azotobacter
- C) Anabaena
- D) Yeast

**Q831: Which vector is used for gene transfer in plants?**

- A) Plasmid
- B) Cosmid
- C) BAC
- D) Ti plasmid

**Q832: Which population parameter indicates number of individuals added per unit time?**

- A) Mortality
- B) Natality
- C) Emigration
- D) Dispersion

**Q833: Which biome has permanently frozen subsoil called permafrost?**

- A) Taiga
- B) Savanna
- C) Tundra
- D) Desert

**Q834: Which conservation method involves protection of species in natural habitat?**

- A) Ex situ conservation
- B) Cryopreservation
- C) In situ conservation
- D) Seed bank

**Q835: Which hormone lowers blood calcium level?**

- A) Parathormone
- B) Calcitonin
- C) Thyroxine
- D) Cortisol

**Q836: Which part of brain controls balance and posture?**

- A) Cerebrum
- B) Hypothalamus
- C) Cerebellum
- D) Medulla oblongata

**Q837: Which extra embryonic membrane encloses embryo in mammals?**

- A) Chorion
- B) Allantois
- C) Amnion
- D) Yolk sac

**Q838: Which inheritance pattern involves interaction of non allelic genes?**

- A) Polygenic inheritance
- B) Codominance
- C) Epistasis
- D) Pleiotropy

**Q839: Which RNA is smallest in size?**

- A) mRNA
- B) rRNA
- C) tRNA
- D) hnRNA

**Q840: Which evolutionary theory was proposed by Darwin?**

- A) Mutation theory
- B) Inheritance of acquired characters
- C) Natural selection
- D) Speciation theory

**Q841: Which disease is transmitted by female Anopheles mosquito?**

- A) Dengue
- B) Malaria
- C) Filariasis
- D) Kala azar

**Q842: Which microbe is used for production of bioactive molecule statin?**

- A) Penicillium
- B) Aspergillus
- C) Monascus purpureus
- D) Trichoderma

**Q843: Which step in recombinant DNA technology involves amplification of DNA?**

- A) Restriction digestion
- B) Ligation
- C) PCR
- D) Transformation

**Q844: Which population interaction harms both interacting species?**

- A) Mutualism
- B) Parasitism
- C) Competition
- D) Commensalism

**Q845: Which nutrient cycle lacks gaseous phase?**

- A) Carbon cycle
- B) Nitrogen cycle
- C) Phosphorus cycle
- D) Sulphur cycle

**Q846: Which Indian act deals with conservation of biodiversity?**

- A) Wildlife Protection Act
- B) Forest Act
- C) Environment Protection Act
- D) Biodiversity Act

**Q847: Which bone forms part of pelvic girdle?**

- A) Ilium
- B) Femur
- C) Radius
- D) Ulna

**Q848: Which hormone stimulates milk synthesis in mammary glands?**

- A) Oxytocin
- B) Prolactin
- C) Estrogen
- D) Progesterone

**Q849: Which structure prevents polyspermy in humans?**

- A) Acrosome
- B) Corona radiata
- C) Zona pellucida
- D) Vitelline membrane

**Q850: Which environmental issue results from accumulation of pesticides in food chains?**

- A) Eutrophication
- B) Biomagnification
- C) Global warming
- D) Ozone depletion