

## **Quiz: Zoology Set 15**

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**Q701: Which phylum is characterised by presence of mantle and calcareous shell?**

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

**Q702: Which epithelial tissue is specialised for absorption and secretion?**

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

**Q703: Which enzyme converts maltose into glucose?**

- A) Maltase
- B) Sucrase
- C) Lactase
- D) Amylase

**Q704: Which respiratory pigment is copper containing?**

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

**Q705: Which blood group is universal recipient?**

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

**Q706: Which hormone increases blood volume by promoting water reabsorption?**

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

**Q707: Which connective tissue forms the supporting framework of organs?**

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

**Q708: Which part of brain is responsible for voluntary actions?**

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

D) Hypothalamus

**Q709: Which hormone is secreted by Leydig cells?**

- A) FSH
- B) LH
- C) Testosterone
- D) Prolactin

**Q710: Which organism reproduces asexually by fragmentation?**

- A) Hydra
- B) Planaria
- C) Spirogyra
- D) Amoeba

**Q711: Which hormone initiates parturition in humans?**

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

**Q712: Which ART involves direct injection of sperm into ovum?**

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

**Q713: Which inheritance pattern involves many genes controlling a single trait?**

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

**Q714: Which enzyme joins DNA fragments during replication?**

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

**Q715: Which base pairs with guanine in DNA?**

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

**Q716: Which hominid is considered first tool maker?**

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

**Q717: Which immunity is transferred through placenta?**

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

**Q718: Which microbe is used for production of ethanol?**

- A) Lactobacillus
- B) Saccharomyces cerevisiae
- C) Rhizobium
- D) Penicillium

**Q719: Which enzyme synthesises mRNA?**

- A) DNA polymerase
- B) RNA polymerase
- C) Ligase
- D) Primase

**Q720: Which population interaction is obligatory and mutually beneficial?**

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

**Q721: Which ecological pyramid represents rate of flow of energy?**

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

**Q722: Which region shows latitudinal gradient in biodiversity?**

- A) Polar
- B) Temperate
- C) Tropical
- D) All regions

**Q723: Which connective tissue stores energy reserves?**

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

**Q724: Which hormone is responsible for milk ejection reflex?**

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

**Q725: Which part of oviduct connects ampulla to uterus?**

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

**Q726: Which chromosomal disorder is represented by XXY condition?**

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

**Q727: Which RNA forms the core of ribosome?**

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

**Q728: Which evolutionary concept explains survival of the fittest?**

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

**Q729: Which disease is caused by Wuchereria bancrofti?**

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

**Q730: Which microbe is used for production of citric acid?**

- A) Lactobacillus
- B) Aspergillus niger
- C) Saccharomyces
- D) Rhizobium

**Q731: Which vector is commonly used for cloning in bacteria?**

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

**Q732: Which population parameter indicates deaths per unit time?**

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

**Q733: Which biome has grasses as dominant vegetation?**

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

**Q734: Which conservation method includes seed banks?**

- A) In situ conservation
- B) Ex situ conservation
- C) Biosphere reserve
- D) National park

**Q735: Which hormone increases blood calcium level?**

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

**Q736: Which part of brain controls coordination of muscular activity?**

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

**Q737: Which extra embryonic membrane helps in nutrition of embryo in birds?**

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

**Q738: Which inheritance pattern involves one gene affecting multiple traits?**

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

**Q739: Which RNA is initially synthesised during transcription in eukaryotes?**

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

**Q740: Which evolutionary concept explains origin of species by accumulation of variations?**

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

**Q741: Which disease is caused by Leishmania donovani?**

- A) Malaria
- B) Kala azar
- C) Filariasis
- D) Sleeping sickness

**Q742: Which microbe is used for production of biofertiliser in rice fields?**

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

**Q743: Which step in recombinant DNA technology involves insertion of DNA into host?**

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

**Q744: Which population interaction harms one species and benefits the other?**

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

**Q745: Which nutrient cycle is sedimentary in nature?**

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

**Q746: Which Indian act is associated with protection of environment?**

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

**Q747: Which bone forms part of pectoral girdle?**

- A) Scapula
- B) Femur
- C) Tibia
- D) Fibula

**Q748: Which hormone inhibits milk secretion during pregnancy?**

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

**Q749: Which structure surrounds ovum and provides protection?**

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

**Q750: Which environmental issue results from excessive nutrient enrichment of water bodies?**

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