

## Quiz: Zoology Set 8

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**Q351: Which phylum is characterised by presence of mantle and shell in most members?**

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

**Q352: Which epithelial tissue lines the alveoli of lungs?**

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

**Q353: Which enzyme converts triglycerides into fatty acids and glycerol?**

- A) Amylase
- B) Trypsin
- C) Lipase
- D) Pepsin

**Q354: Which respiratory pigment is present in molluscs like Pila?**

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

**Q355: Which blood group is known as universal recipient?**

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

**Q356: Which hormone decreases sodium reabsorption in kidney?**

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

**Q357: Which structural protein provides elasticity to connective tissue?**

- A) Collagen
- B) Keratin
- C) Elastin
- D) Myosin

**Q358: Which part of brain links nervous and endocrine systems?**

- A) Cerebrum
- B) Cerebellum
- C) Hypothalamus

D) Medulla

**Q359: Which hormone stimulates release of testosterone in males?**

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

**Q360: Which organism reproduces by multiple fission?**

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

**Q361: Which hormone is responsible for development of placenta?**

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

**Q362: Which ART involves direct injection of sperm into ovum?**

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

**Q363: Which inheritance pattern involves expression of both alleles without blending?**

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

**Q364: Which enzyme adds nucleotides to 3' end during DNA replication?**

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

**Q365: Which base is common to both DNA and RNA?**

- A) Thymine
- B) Uracil
- C) Adenine
- D) None

**Q366: Which hominid had the largest brain size?**

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

**Q367: Which immunity is obtained by vaccination?**

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

**Q368: Which microbe is used for production of bread and alcohol?**

- A) Lactobacillus
- B) Yeast
- C) Penicillium
- D) Rhizobium

**Q369: Which enzyme is used to synthesise cDNA?**

- A) DNA polymerase
- B) RNA polymerase
- C) Reverse transcriptase
- D) Ligase

**Q370: Which population interaction benefits one species and is unaffected to the other?**

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

**Q371: Which ecological pyramid is always upright?**

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

**Q372: Which region shows highest species richness?**

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

**Q373: Which connective tissue acts as shock absorber?**

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

**Q374: Which hormone is responsible for parturition?**

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

**Q375: Which part of oviduct is longest?**

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

**Q376: Which chromosomal disorder is caused by trisomy of chromosome 13?**

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

**Q377: Which RNA carries amino acids to ribosome?**

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

**Q378: Which evolutionary concept explains formation of homologous organs?**

- A) Convergent evolution
- B) Divergent evolution
- C) Adaptive radiation
- D) Speciation

**Q379: Which disease is caused by Plasmodium vivax?**

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

**Q380: Which microbe is used for production of antibiotics like erythromycin?**

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

**Q381: Which vector is used for cloning large DNA fragments?**

- A) Plasmid
- B) Cosmid
- C) BAC
- D) pBR322

**Q382: Which population parameter refers to number of individuals per unit area?**

- A) Natality
- B) Mortality
- C) Population density
- D) Dispersion

**Q383: Which biome is characterised by cold climate and coniferous forests?**

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

**Q384: Which conservation method involves botanical gardens?**

- A) In situ
- B) Ex situ
- C) Sacred groves
- D) Biosphere reserve

**Q385: Which hormone decreases blood calcium level?**

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

**Q386: Which part of brain controls respiratory rhythm?**

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

**Q387: Which extra embryonic membrane stores waste in reptile and bird embryos?**

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

**Q388: Which inheritance pattern shows interaction of two non allelic genes?**

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

**Q389: Which RNA undergoes splicing to remove introns?**

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

**Q390: Which evolutionary concept explains survival of fittest?**

- A) Mutation
- B) Genetic drift
- C) Natural selection
- D) Adaptive radiation

**Q391: Which disease is caused by *Entamoeba histolytica*?**

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

**Q392: Which microbe is used for production of lactic acid?**

- A) Yeast
- B) *Lactobacillus*
- C) *Aspergillus*
- D) *Rhizobium*

**Q393: Which step in recombinant DNA technology involves amplification of gene?**

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

**Q394: Which population interaction benefits both species?**

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

**Q395: Which nutrient cycle lacks gaseous phase?**

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

**Q396: Which Indian act is related to protection of wildlife?**

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

**Q397: Which bone protects the brain?**

- A) Vertebra
- B) Cranium
- C) Sternum
- D) Pelvis

**Q398: Which hormone stimulates milk ejection from mammary glands?**

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

**Q399: Which structure prevents polyspermy in humans?**

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

**Q400: Which environmental issue is caused by accumulation of non biodegradable wastes?**

- A) Global warming
- B) Ozone depletion
- C) Solid waste pollution
- D) Acid rain