

## Quiz: Zoology Set 25

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**Q1201: Which phylum is characterised by presence of true coelom formed by schizocoely?**

- A) Platyhelminthes
- B) Annelida
- C) Nematoda
- D) Cnidaria

**Q1202: Which epithelial tissue lines the proximal convoluted tubule of nephron?**

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

**Q1203: Which enzyme digests starch into maltose in the buccal cavity?**

- A) Pepsin
- B) Salivary amylase
- C) Pancreatic lipase
- D) Trypsin

**Q1204: Which respiratory pigment is dissolved in plasma of annelids?**

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

**Q1205: Which blood group has both anti-A and anti-B antibodies?**

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

**Q1206: Which hormone decreases blood volume by increasing sodium excretion?**

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

**Q1207: Which connective tissue forms tendons?**

- A) Dense regular connective tissue
- B) Dense irregular connective tissue
- C) Areolar tissue
- D) Cartilage

**Q1208: Which part of brain regulates respiratory rhythm and acts as pneumotaxic centre?**

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

D) Hypothalamus

**Q1209: Which hormone stimulates ovulation in human females?**

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

**Q1210: Which organism reproduces by multiple fission inside cyst?**

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

**Q1211: Which hormone is responsible for preparation of uterus for implantation?**

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

**Q1212: Which ART involves transfer of embryos with less than 8 blastomeres into fallopian tube?**

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

**Q1213: Which inheritance pattern is exhibited by human ABO blood group system?**

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

**Q1214: Which enzyme removes RNA primer and replaces it with DNA?**

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

**Q1215: Which nitrogenous base is present only in DNA?**

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

**Q1216: Which hominid had brain capacity of about 650-800 cc?**

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

D) Homo sapiens

**Q1217: Which immunity is obtained by transfer of antibodies through placenta?**

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

**Q1218: Which microbe is used for production of acetic acid?**

- A) Saccharomyces
- B) Lactobacillus
- C) Acetobacter
- D) Rhizobium

**Q1219: Which enzyme joins Okazaki fragments on lagging strand?**

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

**Q1220: Which population interaction benefits one species and remains neutral to the other?**

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

**Q1221: Which ecological pyramid is always upright in nature?**

- A) Pyramid of number
- B) Pyramid of biomass
- C) Pyramid of energy
- D) Pyramid of productivity

**Q1222: Which region shows maximum species richness on Earth?**

- A) Polar region
- B) Temperate region
- C) Tropical region
- D) Alpine region

**Q1223: Which connective tissue acts as packing tissue in organs?**

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

**Q1224: Which hormone is responsible for milk ejection reflex?**

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

**Q1225: Which part of oviduct is the usual site of fertilisation?**

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

**Q1226: Which chromosomal disorder is represented by XO condition?**

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

**Q1227: Which RNA forms structural and catalytic core of ribosome?**

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

**Q1228: Which evolutionary process leads to formation of homologous organs?**

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

**Q1229: Which disease is caused by *Mycobacterium leprae*?**

- A) Tuberculosis
- B) Leprosy
- C) Typhoid
- D) Cholera

**Q1230: Which microbe is used for production of bioactive molecule statin?**

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

**Q1231: Which vector is widely used for gene cloning in plants?**

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

**Q1232: Which population parameter refers to number of individuals entering a population per unit time?**

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

**Q1233: Which biome is characterised by permafrost?**

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

**Q1234: Which conservation method involves protection of species in natural habitat?**

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

**Q1235: Which hormone increases blood calcium level?**

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

**Q1236: Which part of brain controls involuntary actions like breathing and heartbeat?**

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

**Q1237: Which extra embryonic membrane stores nitrogenous waste in reptiles and birds?**

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

**Q1238: Which inheritance pattern involves one gene influencing multiple traits?**

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

**Q1239: Which RNA undergoes splicing to form mature mRNA?**

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

**Q1240: Which evolutionary theory proposed inheritance of acquired characters?**

- A) Mutation theory
- B) Natural selection
- C) Lamarckism
- D) Adaptive radiation

**Q1241: Which disease is transmitted by female *Aedes aegypti* mosquito?**

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

**Q1242: Which microbe is used for production of cyclosporin A?**

- A) *Penicillium*
- B) *Trichoderma polysporum*
- C) *Aspergillus*
- D) *Monascus*

**Q1243: Which step in recombinant DNA technology involves joining of DNA fragments?**

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

**Q1244: Which population interaction harms both interacting species?**

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

**Q1245: Which nutrient cycle is sedimentary in nature?**

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

**Q1246: Which Indian act deals with protection of wildlife?**

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

**Q1247: Which bone forms part of axial skeleton?**

- A) Femur
- B) Humerus
- C) Scapula
- D) Vertebra

**Q1248: Which hormone is responsible for milk synthesis in mammary glands?**

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

**Q1249: Which structure undergoes cortical reaction to prevent polyspermy?**

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

**Q1250: Which environmental issue results from accumulation of toxic substances in food chains?**

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