

# Quiz: Zoology Set 21

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**Q1001: Which phylum is characterised by radial symmetry, triploblastic body and true coelom?**

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

**Q1002: Which epithelial tissue forms the lining of kidney tubules?**

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

**Q1003: Which enzyme activates trypsinogen into trypsin?**

- A) Pepsin
- B) HCl
- C) Enterokinase
- D) Lipase

**Q1004: Which respiratory pigment is present in crustaceans?**

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

**Q1005: Which blood group has antigen B and anti-A antibody?**

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

**Q1006: Which hormone increases blood pressure by vasoconstriction?**

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

**Q1007: Which connective tissue provides elasticity to organs?**

- A) Collagen fibres
- B) Elastic fibres
- C) Reticular fibres
- D) Chondrin

**Q1008: Which part of brain regulates emotional responses?**

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

D) Pons

**Q1009: Which hormone is responsible for spermatogenesis?**

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

**Q1010: Which organism shows alternation of sexual and asexual phases?**

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

**Q1011: Which hormone inhibits ovulation during pregnancy?**

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

**Q1012: Which ART involves fertilisation outside the body?**

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

**Q1013: Which inheritance pattern was observed in human ABO blood groups?**

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

**Q1014: Which enzyme removes RNA primer and fills the gap with DNA?**

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

**Q1015: Which nitrogenous base pairs with cytosine?**

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

**Q1016: Which hominid showed first use of fire?**

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

**Q1017: Which immunity is obtained by injection of antiserum?**

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

**Q1018: Which microbe is used for production of butyric acid?**

- A) Lactobacillus
- B) Clostridium butylicum
- C) Saccharomyces
- D) Rhizobium

**Q1019: Which enzyme introduces negative supercoils in DNA?**

- A) Helicase
- B) Topoisomerase
- C) Ligase
- D) Primase

**Q1020: Which population interaction is harmful to one species and neutral to the other?**

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

**Q1021: Which ecological pyramid represents standing crop?**

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

**Q1022: Which biome shows highest net primary productivity?**

- A) Desert
- B) Tundra
- C) Tropical rainforest
- D) Taiga

**Q1023: Which connective tissue forms supportive framework of organs?**

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

**Q1024: Which hormone stimulates contraction of myoepithelial cells in mammary glands?**

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

**Q1025: Which part of oviduct is the usual site of fertilisation in humans?**

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

**Q1026: Which chromosomal disorder is caused by trisomy of chromosome 18?**

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

**Q1027: Which RNA carries amino acids to the ribosome?**

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

**Q1028: Which evolutionary concept explains presence of homologous organs?**

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

**Q1029: Which disease is caused by Trypanosoma gambiense?**

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

**Q1030: Which microbe is used for production of biofertiliser Azolla-Anabaena association?**

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

**Q1031: Which vector is widely used for cloning in bacteria?**

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

**Q1032: Which population parameter refers to number of individuals entering a population?**

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

**Q1033: Which biome has sparse vegetation and low rainfall?**

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

**Q1034: Which conservation method involves maintenance of endangered species in zoos?**

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

**Q1035: Which hormone increases blood calcium level?**

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

**Q1036: Which part of brain controls reflex actions of eye and ear?**

- A) Cerebrum
- B) Midbrain
- C) Pons
- D) Medulla

**Q1037: Which extra embryonic membrane encloses embryo in mammals?**

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

**Q1038: Which inheritance pattern involves one gene affecting multiple traits?**

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

**Q1039: Which RNA is the precursor of mRNA in eukaryotes?**

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

**Q1040: Which evolutionary theory emphasises sudden appearance of variations?**

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

**Q1041: Which disease is transmitted by female Culex mosquito?**

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

**Q1042: Which microbe is used for production of single cell protein?**

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

**Q1043: Which step in recombinant DNA technology involves insertion of recombinant DNA into host?**

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

**Q1044: Which population interaction harms both interacting species?**

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

**Q1045: Which nutrient cycle is sedimentary in nature?**

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

**Q1046: Which Indian act is associated with conservation of biological diversity?**

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

**Q1047: Which bone forms part of axial skeleton?**

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

**Q1048: Which hormone is responsible for milk synthesis in mammary glands?**

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

**Q1049: Which structure undergoes cortical reaction to prevent polyspermy?**

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

**Q1050: Which environmental issue results from accumulation of non biodegradable pollutants in food chains?**

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