

## Quiz: Zoology Set 23

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**Q1101: Which phylum is characterised by presence of pseudocoelom?**

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

**Q1102: Which epithelial tissue lines the Bowman's capsule of nephron?**

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

**Q1103: Which enzyme converts lactose into glucose and galactose?**

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

**Q1104: Which respiratory pigment is violet in colour?**

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

**Q1105: Which blood group has only anti-B antibodies in plasma?**

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

**Q1106: Which hormone directly increases sodium reabsorption in distal convoluted tubule?**

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

**Q1107: Which connective tissue forms ligaments?**

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

**Q1108: Which part of brain controls respiration rhythm?**

- A) Cerebrum
- B) Cerebellum
- C) Pons

D) Hypothalamus

**Q1109: Which hormone stimulates testosterone secretion in males?**

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

**Q1110: Which organism reproduces by sporulation?**

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

**Q1111: Which hormone is responsible for decidual reaction in uterus?**

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

**Q1112: Which ART involves transfer of embryos at 8 blastomere stage into uterus?**

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

**Q1113: Which inheritance pattern shows multiple alleles?**

- A) Codominance
- B) Polygenic inheritance
- C) Multiple allelism
- D) Epistasis

**Q1114: Which enzyme synthesises DNA on lagging strand?**

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

**Q1115: Which nitrogenous base pairs with adenine in RNA?**

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

**Q1116: Which hominid showed upright posture but smaller brain size?**

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

**Q1117: Which immunity is transferred through colostrum?**

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

**Q1118: Which microbe is used for production of single cell protein?**

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

**Q1119: Which enzyme relaxes supercoiled DNA during replication?**

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

**Q1120: Which population interaction is harmful to both species?**

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

**Q1121: Which ecological pyramid represents biomass at a given time?**

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

**Q1122: Which ecosystem shows highest net primary productivity per unit area?**

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

**Q1123: Which connective tissue stores energy in the form of fat?**

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

**Q1124: Which hormone is responsible for milk ejection reflex?**

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

**Q1125: Which part of oviduct connects ampulla to uterus?**

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

**Q1126: Which chromosomal disorder is caused by trisomy 21?**

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

**Q1127: Which RNA carries genetic information from DNA to ribosome?**

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

**Q1128: Which evolutionary process results in analogous organs?**

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

**Q1129: Which disease is caused by Plasmodium falciparum?**

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

**Q1130: Which microbe is used for production of vinegar?**

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

**Q1131: Which vector is used for gene transfer in plants?**

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

**Q1132: Which population parameter indicates number of births per unit time?**

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

**Q1133: Which biome is characterised by long cold winters and evergreen conifers?**

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

**Q1134: Which conservation method includes botanical gardens and zoos?**

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

**Q1135: Which hormone lowers blood calcium level?**

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

**Q1136: Which part of brain controls reflex actions of eye and ear?**

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

**Q1137: Which extra embryonic membrane forms placenta in humans?**

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

**Q1138: Which inheritance pattern involves one gene affecting multiple traits?**

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

**Q1139: Which RNA undergoes splicing in eukaryotes?**

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

**Q1140: Which evolutionary theory emphasises sudden mutations?**

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

**Q1141: Which disease is transmitted by female Anopheles mosquito?**

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

**Q1142: Which microbe is used for production of bioactive molecule statin?**

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

**Q1143: Which step in recombinant DNA technology involves joining of DNA fragments?**

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

**Q1144: Which population interaction benefits both species?**

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

**Q1145: Which nutrient cycle lacks a gaseous phase?**

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

**Q1146: Which Indian act is related to environmental protection?**

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

**Q1147: Which bone forms part of axial skeleton?**

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

**Q1148: Which hormone is responsible for milk synthesis in mammary glands?**

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

**Q1149: Which structure prevents polyspermy by cortical reaction?**

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

**Q1150: Which environmental issue is caused by accumulation of non-biodegradable substances in food chains?**

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