

## **Quiz: Zoology Set 22**

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**Q1051: Which phylum is characterised by presence of flame cells as excretory organs?**

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

**Q1052: Which epithelial tissue is found in the lining of trachea?**

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

**Q1053: Which enzyme converts sucrose into glucose and fructose?**

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

**Q1054: Which respiratory pigment is green in colour?**

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

**Q1055: Which blood group has antigen A and antigen B on RBCs?**

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

**Q1056: Which hormone stimulates release of aldosterone?**

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

**Q1057: Which connective tissue is rich in collagen fibres?**

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

**Q1058: Which part of brain connects forebrain and hindbrain?**

- A) Cerebellum
- B) Pons
- C) Midbrain

D) Medulla oblongata

**Q1059: Which hormone stimulates growth of ovarian follicles?**

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

**Q1060: Which organism reproduces by transverse binary fission?**

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

**Q1061: Which hormone is essential for implantation of embryo?**

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

**Q1062: Which ART involves transfer of gametes into fallopian tube?**

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

**Q1063: Which inheritance pattern shows both alleles equally expressed?**

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

**Q1064: Which enzyme synthesises RNA primer during DNA replication?**

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

**Q1065: Which nitrogenous base is absent in DNA?**

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

**Q1066: Which hominid had brain capacity of about 1400 cc?**

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

**Q1067: Which immunity is obtained naturally after infection?**

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

**Q1068: Which microbe is used for production of bread?**

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

**Q1069: Which enzyme breaks hydrogen bonds between DNA strands?**

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

**Q1070: Which population interaction benefits one species and harms the other?**

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

**Q1071: Which ecological pyramid represents flow of energy?**

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

**Q1072: Which biome shows maximum biodiversity?**

- A) Tundra
- B) Desert
- C) Temperate forest
- D) Tropical rainforest

**Q1073: Which connective tissue binds skin to muscles?**

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

**Q1074: Which hormone causes milk ejection during lactation?**

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

**Q1075: Which part of oviduct is funnel shaped?**

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

**Q1076: Which chromosomal disorder is represented by trisomy 13?**

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

**Q1077: Which RNA forms the core of ribosome?**

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

**Q1078: Which evolutionary process leads to homologous organs?**

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

**Q1079: Which disease is caused by Entamoeba histolytica?**

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

**Q1080: Which microbe is used for production of curd?**

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

**Q1081: Which vector is used for gene transfer in plants?**

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

**Q1082: Which population parameter indicates number of individuals entering a population?**

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

**Q1083: Which biome has permanently frozen subsoil called permafrost?**

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

**Q1084: Which conservation method involves preservation of species outside natural habitat?**

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

**Q1085: Which hormone lowers blood calcium level?**

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

**Q1086: Which part of brain controls balance and posture?**

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

**Q1087: Which extra embryonic membrane stores nitrogenous waste in birds?**

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

**Q1088: Which inheritance pattern involves interaction of non allelic genes?**

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

**Q1089: Which RNA is smallest in size?**

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

**Q1090: Which evolutionary theory was proposed by Hugo de Vries?**

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

**Q1091: Which disease is transmitted by female Aedes mosquito?**

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

**Q1092: Which microbe is used for production of bioactive molecule cyclosporin A?**

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

**Q1093: Which step in recombinant DNA technology involves cutting of DNA?**

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

**Q1094: Which population interaction harms both species involved?**

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

**Q1095: Which nutrient cycle lacks gaseous phase?**

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

**Q1096: Which Indian act is related to conservation of biodiversity?**

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

**Q1097: Which bone forms part of pelvic girdle?**

- A) Femur
- B) Radius
- C) Ilium
- D) Ulna

**Q1098: Which hormone is responsible for milk synthesis?**

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

**Q1099: Which structure prevents polyspermy in humans?**

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

**Q1100: Which environmental issue is caused by excessive use of fertilisers?**

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