

Quiz: Zoology Set 22

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