

Quiz: Zoology Set 21

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