

Quiz: Zoology Set 20

Q951: Which phylum is characterised by presence of jointed appendages?

- A) Annelida
- B) Arthropoda
- C) Mollusca
- D) Echinodermata

Q952: Which epithelial tissue forms the lining of alveoli of lungs?

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

Q953: Which enzyme converts fats into fatty acids and glycerol?

- A) Amylase
- B) Lipase
- C) Trypsin
- D) Pepsin

Q954: Which respiratory pigment is copper containing and found in molluscs?

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

Q955: Which blood group has antigen A on RBCs?

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

Q956: Which hormone stimulates red blood cell production?

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

Q957: Which connective tissue stores fat beneath skin?

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

Q958: Which part of brain controls respiration and heart beat?

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

D) Hypothalamus

Q959: Which hormone causes ovulation in females?

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

Q960: Which organism reproduces asexually by multiple fission?

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

Q961: Which hormone maintains uterine endometrium during pregnancy?

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

Q962: Which ART involves transfer of zygote into fallopian tube?

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

Q963: Which inheritance pattern shows expression of both alleles without blending?

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

Q964: Which enzyme synthesises RNA primer during DNA replication?

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

Q965: Which nitrogenous base is present only in RNA?

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

Q966: Which hominid had a brain capacity of about 900 cc?

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

Q967: Which immunity develops after vaccination?

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

Q968: Which microbe is used for production of citric acid?

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

Q969: Which enzyme joins Okazaki fragments?

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

Q970: Which population interaction benefits one species and is neutral to the other?

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

Q971: Which ecological pyramid is always upright?

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

Q972: Which region shows highest biodiversity on Earth?

- A) Polar region
- B) Temperate region
- C) Tropical region
- D) Alpine region

Q973: Which connective tissue binds skin to underlying muscles?

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

Q974: Which hormone causes milk ejection during lactation?

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

Q975: Which part of oviduct receives the ovum after ovulation?

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

Q976: Which chromosomal disorder is represented by XO condition?

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

Q977: Which RNA acts as adaptor molecule during protein synthesis?

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

Q978: Which evolutionary process results in analogous organs?

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

Q979: Which disease is caused by *Vibrio cholerae*?

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

Q980: Which microbe is used for production of statins?

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

Q981: Which vector is used for gene transfer in plants?

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

Q982: Which population parameter indicates number of individuals leaving population?

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

Q983: Which biome has permanently frozen soil called permafrost?

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

Q984: Which conservation method includes seed banks and cryopreservation?

- A) In situ conservation
- B) Ex situ conservation
- C) Sacred groves
- D) National parks

Q985: Which hormone lowers blood calcium level?

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

Q986: Which part of brain controls balance and posture?

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

Q987: Which extra embryonic membrane forms placenta in humans?

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

Q988: Which inheritance pattern involves interaction of non allelic genes?

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

Q989: Which RNA is smallest in size?

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

Q990: Which evolutionary theory was proposed by Darwin?

- A) Mutation theory
- B) Natural selection
- C) Lamarckism
- D) Speciation

Q991: Which disease is transmitted by female *Anopheles* mosquito?

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

Q992: Which microbe is used for production of cyclosporin A?

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

Q993: Which step in recombinant DNA technology involves amplification of DNA?

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

Q994: Which population interaction harms both species involved?

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

Q995: Which nutrient cycle lacks gaseous phase?

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

Q996: Which Indian act deals with protection of wildlife?

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

Q997: Which bone forms part of pelvic girdle?

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

Q998: Which hormone is responsible for milk synthesis?

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

Q999: Which structure prevents polyspermy in humans?

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

Q1000: Which environmental issue results from excessive nutrient enrichment of water bodies?

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