

Quiz: Zoology Set 19

Q901: Which phylum shows metamerism externally and internally?

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

Q902: Which epithelial tissue forms the lining of blood vessels?

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

Q903: Which enzyme digests nucleic acids in intestine?

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

Q904: Which respiratory pigment is found in annelids and dissolved in plasma?

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

Q905: Which blood group lacks antigen A and antigen B on RBCs?

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

Q906: Which hormone stimulates erythropoiesis?

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

Q907: Which connective tissue forms the matrix of bone?

- A) Chondrin
- B) Ossein
- C) Collagen
- D) Elastin

Q908: Which part of brain connects cerebrum with spinal cord?

- A) Cerebellum
- B) Pons
- C) Hypothalamus

D) Medulla oblongata

Q909: Which hormone is responsible for development of female secondary sexual characters?

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

Q910: Which organism reproduces by regeneration?

- A) Hydra
- B) Planaria
- C) Amoeba
- D) Paramecium

Q911: Which hormone inhibits FSH and LH secretion during pregnancy?

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

Q912: Which ART involves transfer of zygote into fallopian tube?

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

Q913: Which inheritance pattern was observed in snapdragon flower colour?

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

Q914: Which enzyme adds nucleotides during DNA replication?

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

Q915: Which nitrogenous base is absent in RNA?

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

Q916: Which hominid first used stone tools?

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

Q917: Which immunity is provided by antiserum injection?

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

Q918: Which microbe is used in production of penicillin?

- A) Streptomyces
- B) Penicillium notatum
- C) Aspergillus niger
- D) Rhizobium

Q919: Which enzyme unwinds DNA helix during replication?

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

Q920: Which population interaction is beneficial to one and harmful to another?

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

Q921: Which ecological pyramid can never be inverted?

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

Q922: Which region shows highest species richness?

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

Q923: Which connective tissue acts as packing tissue?

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

Q924: Which hormone stimulates uterine contractions during childbirth?

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

Q925: Which part of oviduct is the usual site of fertilisation?

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

Q926: Which chromosomal disorder is represented by XXY?

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

Q927: Which RNA carries amino acids to ribosome?

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

Q928: Which evolutionary concept explains homologous organs?

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

Q929: Which disease is caused by *Mycobacterium tuberculosis*?

- A) Typhoid
- B) Tuberculosis
- C) Cholera
- D) Pneumonia

Q930: Which microbe is used for production of yoghurt?

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

Q931: Which vector is used for cloning genes in plants?

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

Q932: Which population parameter represents number of births?

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

Q933: Which biome is treeless and covered with snow for most of the year?

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

Q934: Which conservation method protects entire ecosystem?

- A) Seed bank
- B) Cryopreservation
- C) In situ conservation
- D) Ex situ conservation

Q935: Which hormone lowers blood calcium level?

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

Q936: Which part of brain controls reflex actions of head and neck?

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

Q937: Which extra embryonic membrane forms placenta in humans?

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

Q938: Which inheritance pattern involves one gene affecting many traits?

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

Q939: Which RNA undergoes splicing in eukaryotes?

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

Q940: Which evolutionary theory emphasises sudden mutations?

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

Q941: Which disease is transmitted by Aedes aegypti?

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

Q942: Which microbe is used for production of cyclosporin A?

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

Q943: Which step in recombinant DNA technology involves cutting of DNA?

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

Q944: Which population interaction benefits both species?

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

Q945: Which nutrient cycle is gaseous?

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

Q946: Which Indian act aims at conservation of biological diversity?

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

Q947: Which bone forms part of axial skeleton?

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

Q948: Which hormone is responsible for milk synthesis?

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

Q949: Which structure surrounds ovum and provides nourishment?

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

Q950: Which environmental issue is caused by excessive use of fertilisers?

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