

# Quiz: Zoology Set 19

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**Q901: Which phylum shows metameric segmentation 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