

Quiz: Zoology Set 18

Q851: Which phylum is characterised by presence of dorsal hollow nerve cord?

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

Q852: Which epithelial tissue lines the buccal cavity?

- A) Simple squamous epithelium
- B) Stratified squamous epithelium
- C) Cuboidal epithelium
- D) Ciliated epithelium

Q853: Which enzyme digests milk protein casein in infants?

- A) Pepsin
- B) Trypsin
- C) Rennin
- D) Erepsin

Q854: Which respiratory pigment is present in muscles?

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

Q855: Which blood group is universal recipient?

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

Q856: Which hormone increases glomerular filtration rate and sodium excretion?

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

Q857: Which connective tissue has chondrocytes in lacunae?

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

Q858: Which part of brain controls involuntary functions like respiration?

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

D) Hypothalamus

Q859: Which hormone stimulates secretion of estrogen from ovary?

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

Q860: Which organism reproduces by budding?

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

Q861: Which hormone maintains uterine endometrium during pregnancy?

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

Q862: Which ART involves transfer of embryos with more than 8 blastomeres into uterus?

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

Q863: Which inheritance pattern shows intermediate phenotype?

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

Q864: Which enzyme removes RNA primers during DNA replication?

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

Q865: Which base pairs with thymine in DNA?

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

Q866: Which hominid had brain capacity of about 650-800 cc?

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

Q867: Which immunity is obtained by transfer of antibodies through placenta?

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

Q868: Which microbe is used for production of acetic acid?

- A) Lactobacillus
- B) Acetobacter
- C) Rhizobium
- D) Yeast

Q869: Which enzyme seals nicks in DNA backbone?

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

Q870: Which population interaction benefits one species and is neutral to other?

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

Q871: Which ecological pyramid is always upright?

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

Q872: Which region shows latitudinal gradient in biodiversity?

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

Q873: Which connective tissue binds skin to underlying muscles?

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

Q874: Which hormone is responsible for milk secretion?

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

Q875: Which part of oviduct receives ovum after ovulation?

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

Q876: Which chromosomal disorder is represented by XO condition?

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

Q877: Which RNA forms the structural and catalytic core of ribosome?

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

Q878: Which evolutionary process results in homologous organs?

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

Q879: Which disease is caused by Plasmodium vivax?

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

Q880: Which microbe is used for production of antibiotics like streptomycin?

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

Q881: Which vector is used for cloning genes in plants?

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

Q882: Which population parameter refers to deaths per unit time?

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

Q883: Which biome is characterised by long cold winters and coniferous forests?

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

Q884: Which conservation method involves zoological parks and botanical gardens?

- A) In situ conservation
- B) Ex situ conservation
- C) Biosphere reserve
- D) Sacred groves

Q885: Which hormone lowers blood calcium level?

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

Q886: Which part of brain coordinates voluntary muscular movements?

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

Q887: Which extra embryonic membrane stores nitrogenous waste in birds?

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

Q888: Which inheritance pattern involves interaction of non allelic genes?

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

Q889: Which RNA is smallest in size?

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

Q890: Which evolutionary theory was proposed by Hugo de Vries?

- A) Natural selection
- B) Mutation theory
- C) Inheritance of acquired characters
- D) Speciation

Q891: Which disease is transmitted by female Culex mosquito?

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

Q892: Which microbe is used for production of bioactive molecule statin?

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

Q893: Which step in recombinant DNA technology involves amplification of DNA?

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

Q894: Which population interaction harms both species involved?

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

Q895: Which nutrient cycle lacks a gaseous phase?

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

Q896: Which Indian act deals with protection of wildlife?

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

Q897: Which bone forms part of pectoral girdle?

- A) Femur
- B) Scapula
- C) Tibia
- D) Fibula

Q898: Which hormone inhibits milk secretion during pregnancy?

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

Q899: Which structure undergoes cortical reaction to prevent polyspermy?

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

Q900: Which environmental issue is caused by accumulation of toxic substances in food chains?

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