

Quiz: Zoology Set 17

Q801: Which phylum is characterised by presence of notochord at any stage of life cycle?

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

Q802: Which epithelial tissue forms the lining of stomach?

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

Q803: Which enzyme converts pepsinogen into pepsin?

- A) Trypsin
- B) Enterokinase
- C) HCl
- D) Rennin

Q804: Which respiratory pigment is present in vertebrate muscles?

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

Q805: Which blood group is called universal donor?

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

Q806: Which hormone increases sodium reabsorption in distal tubules?

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

Q807: Which connective tissue connects bones to bones?

- A) Tendon
- B) Ligament
- C) Cartilage
- D) Areolar tissue

Q808: Which part of brain controls thermoregulation and hunger?

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

D) Hypothalamus

Q809: Which hormone induces ovulation in human females?

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

Q810: Which organism reproduces asexually by multiple fission?

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

Q811: Which hormone is responsible for maintenance of pregnancy?

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

Q812: Which ART involves transfer of embryos into uterus?

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

Q813: Which inheritance pattern shows expression of both alleles in heterozygote?

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

Q814: Which enzyme synthesises RNA primer during DNA replication?

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

Q815: Which nitrogenous base is present only in RNA?

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

Q816: Which hominid is known as first tool maker?

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

Q817: Which immunity is obtained by vaccination?

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

Q818: Which microbe is used for production of antibiotics like penicillin?

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

Q819: Which enzyme joins Okazaki fragments during DNA replication?

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

Q820: Which population interaction benefits one species and harms the other?

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

Q821: Which ecological pyramid is always upright?

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

Q822: Which region shows maximum biodiversity?

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

Q823: Which connective tissue acts as shock absorber and insulator?

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

Q824: Which hormone causes milk ejection reflex?

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

Q825: Which part of oviduct is the site of fertilisation?

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

Q826: Which chromosomal disorder is caused by trisomy of chromosome 21?

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

Q827: Which RNA carries genetic information from DNA to ribosome?

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

Q828: Which evolutionary process results in analogous organs?

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

Q829: Which disease is caused by *Salmonella typhi*?

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

Q830: Which microbe is used for production of biofertiliser in rice fields?

- A) Rhizobium
- B) Azotobacter
- C) Anabaena
- D) Yeast

Q831: Which vector is used for gene transfer in plants?

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

Q832: Which population parameter indicates number of individuals added per unit time?

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

Q833: Which biome has permanently frozen subsoil called permafrost?

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

Q834: Which conservation method involves protection of species in natural habitat?

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

Q835: Which hormone lowers blood calcium level?

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

Q836: Which part of brain controls balance and posture?

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

Q837: Which extra embryonic membrane encloses embryo in mammals?

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

Q838: Which inheritance pattern involves interaction of non allelic genes?

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

Q839: Which RNA is smallest in size?

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

Q840: Which evolutionary theory was proposed by Darwin?

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

Q841: Which disease is transmitted by female *Anopheles* mosquito?

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

Q842: Which microbe is used for production of bioactive molecule statin?

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

Q843: Which step in recombinant DNA technology involves amplification of DNA?

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

Q844: Which population interaction harms both interacting species?

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

Q845: Which nutrient cycle lacks gaseous phase?

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

Q846: Which Indian act deals with conservation of biodiversity?

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

Q847: Which bone forms part of pelvic girdle?

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

Q848: Which hormone stimulates milk synthesis in mammary glands?

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

Q849: Which structure prevents polyspermy in humans?

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

Q850: Which environmental issue results from accumulation of pesticides in food chains?

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