

Quiz: Zoology Set 15

Q701: Which phylum is characterised by presence of mantle and calcareous shell?

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

Q702: Which epithelial tissue is specialised for absorption and secretion?

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

Q703: Which enzyme converts maltose into glucose?

- A) Maltase
- B) Sucrase
- C) Lactase
- D) Amylase

Q704: Which respiratory pigment is copper containing?

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

Q705: Which blood group is universal recipient?

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

Q706: Which hormone increases blood volume by promoting water reabsorption?

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

Q707: Which connective tissue forms the supporting framework of organs?

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

Q708: Which part of brain is responsible for voluntary actions?

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

D) Hypothalamus

Q709: Which hormone is secreted by Leydig cells?

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

Q710: Which organism reproduces asexually by fragmentation?

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

Q711: Which hormone initiates parturition in humans?

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

Q712: Which ART involves direct injection of sperm into ovum?

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

Q713: Which inheritance pattern involves many genes controlling a single trait?

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

Q714: Which enzyme joins DNA fragments during replication?

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

Q715: Which base pairs with guanine in DNA?

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

Q716: Which hominid is considered first tool maker?

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

Q717: Which immunity is transferred through placenta?

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

Q718: Which microbe is used for production of ethanol?

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

Q719: Which enzyme synthesises mRNA?

- A) DNA polymerase
- B) RNA polymerase
- C) Ligase
- D) Primase

Q720: Which population interaction is obligatory and mutually beneficial?

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

Q721: Which ecological pyramid represents rate of flow of energy?

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

Q722: Which region shows latitudinal gradient in biodiversity?

- A) Polar
- B) Temperate
- C) Tropical
- D) All regions

Q723: Which connective tissue stores energy reserves?

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

Q724: Which hormone is responsible for milk ejection reflex?

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

Q725: Which part of oviduct connects ampulla to uterus?

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

Q726: Which chromosomal disorder is represented by XXY condition?

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

Q727: Which RNA forms the core of ribosome?

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

Q728: Which evolutionary concept explains survival of the fittest?

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

Q729: Which disease is caused by Wuchereria bancrofti?

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

Q730: Which microbe is used for production of citric acid?

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

Q731: Which vector is commonly used for cloning in bacteria?

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

Q732: Which population parameter indicates deaths per unit time?

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

Q733: Which biome has grasses as dominant vegetation?

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

Q734: Which conservation method includes seed banks?

- A) In situ conservation
- B) Ex situ conservation
- C) Biosphere reserve
- D) National park

Q735: Which hormone increases blood calcium level?

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

Q736: Which part of brain controls coordination of muscular activity?

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

Q737: Which extra embryonic membrane helps in nutrition of embryo in birds?

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

Q738: Which inheritance pattern involves one gene affecting multiple traits?

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

Q739: Which RNA is initially synthesised during transcription in eukaryotes?

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

Q740: Which evolutionary concept explains origin of species by accumulation of variations?

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

Q741: Which disease is caused by *Leishmania donovani*?

- A) Malaria
- B) Kala azar
- C) Filariasis
- D) Sleeping sickness

Q742: Which microbe is used for production of biofertiliser in rice fields?

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

Q743: Which step in recombinant DNA technology involves insertion of DNA into host?

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

Q744: Which population interaction harms one species and benefits the other?

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

Q745: Which nutrient cycle is sedimentary in nature?

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

Q746: Which Indian act is associated with protection of environment?

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

Q747: Which bone forms part of pectoral girdle?

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

Q748: Which hormone inhibits milk secretion during pregnancy?

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

Q749: Which structure surrounds ovum and provides protection?

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

Q750: Which environmental issue results from excessive nutrient enrichment of water bodies?

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