

Quiz: Zoology Set 11

Q501: Which phylum is characterised by pseudocoelom and cylindrical body?

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

Q502: Which epithelial tissue is found lining the urinary bladder?

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

Q503: Which enzyme converts lactose into glucose and galactose?

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

Q504: Which respiratory pigment is present in vertebrates?

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

Q505: Which blood group antigen determines Rh positive blood?

- A) A antigen
- B) B antigen
- C) D antigen
- D) C antigen

Q506: Which hormone decreases blood volume by increasing urine output?

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

Q507: Which connective tissue forms the matrix of blood?

- A) Plasma
- B) Serum
- C) Lymph
- D) Bone marrow

Q508: Which part of brain controls thermoregulation?

- A) Cerebrum
- B) Hypothalamus
- C) Cerebellum

D) Medulla

Q509: Which hormone stimulates Sertoli cells?

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

Q510: Which organism reproduces by regeneration?

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

Q511: Which hormone is essential for implantation?

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

Q512: Which ART involves transfer of early embryo up to 8 blastomeres into fallopian tube?

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

Q513: Which inheritance pattern shows both alleles expressed simultaneously?

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

Q514: Which enzyme synthesises DNA on lagging strand?

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

Q515: Which base pairs with adenine in RNA?

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

Q516: Which hominid had brain capacity around 1400 cc?

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

Q517: Which immunity is obtained from mother through colostrum?

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

Q518: Which microbe is used for production of single cell protein from sewage?

- A) Chlorella
- B) Spirulina
- C) Saccharomyces
- D) Rhizobium

Q519: Which enzyme is responsible for synthesis of Okazaki fragments?

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

Q520: Which population interaction harms one species and benefits the other?

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

Q521: Which ecological pyramid represents trophic structure in terms of numbers?

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

Q522: Which region shows maximum endemism?

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

Q523: Which connective tissue binds skin to underlying muscles?

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

Q524: Which hormone initiates milk ejection reflex?

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

Q525: Which part of oviduct receives ovum after ovulation?

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

Q526: Which chromosomal disorder is represented by XO condition?

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

Q527: Which RNA is processed by capping, tailing and splicing?

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

Q528: Which evolutionary process results in adaptive radiation?

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

Q529: Which disease is caused by Plasmodium malariae?

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

Q530: Which microbe is used for production of biogas?

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

Q531: Which vector is used for cloning very large DNA fragments?

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

Q532: Which population parameter refers to number of individuals added from outside?

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

Q533: Which biome is characterised by low rainfall and scattered vegetation?

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

Q534: Which conservation method involves protection of species in natural habitat?

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

Q535: Which hormone decreases blood calcium level?

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

Q536: Which part of brain controls involuntary reflexes?

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

Q537: Which extra embryonic membrane stores nitrogenous waste in birds?

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

Q538: Which inheritance pattern involves interaction of non allelic genes?

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

Q539: Which RNA is smallest in size?

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

Q540: Which evolutionary theory was proposed by Darwin?

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

Q541: Which disease is transmitted by female *Anopheles* mosquito?

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

Q542: Which microbe is used for production of bioactive molecule cyclosporin A?

- A) *Penicillium*
- B) *Trichoderma polysporum*
- C) *Aspergillus*
- D) *Rhizobium*

Q543: Which step in recombinant DNA technology involves joining DNA fragments?

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

Q544: Which population interaction harms both interacting species?

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

Q545: Which nutrient cycle does not involve atmosphere?

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

Q546: Which Indian act is related to conservation of biodiversity?

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

Q547: Which bone forms the shoulder girdle?

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

Q548: Which hormone inhibits milk secretion during pregnancy?

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

Q549: Which structure undergoes cortical reaction to prevent polyspermy?

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

Q550: Which environmental issue is caused by accumulation of toxic substances in food chains?

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