

## **Quiz: Zoology Set 14**

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**Q651: Which phylum is characterised by presence of a true coelom and closed circulatory system?**

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

**Q652: Which epithelial tissue lines the fallopian tubes and helps in movement of ovum?**

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

**Q653: Which enzyme converts proteins into peptides in intestine?**

- A) Pepsin
- B) Trypsin
- C) Amylase
- D) Lipase

**Q654: Which respiratory pigment is dissolved in plasma of earthworm?**

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

**Q655: Which blood group has both anti-A and anti-B antibodies?**

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

**Q656: Which hormone increases water reabsorption in collecting ducts of kidney?**

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

**Q657: Which connective tissue provides tensile strength to tendons?**

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

**Q658: Which part of brain controls involuntary activities like salivation and vomiting?**

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

**Q659: Which hormone stimulates growth of ovarian follicles?**

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

**Q660: Which organism reproduces by transverse binary fission?**

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

**Q661: Which hormone prevents ovulation during pregnancy?**

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

**Q662: Which ART involves transfer of gametes into fallopian tube?**

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

**Q663: Which inheritance pattern shows expression of both alleles without blending?**

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

**Q664: Which enzyme synthesises RNA primer during DNA replication?**

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

**Q665: Which nitrogenous base is present only in RNA?**

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

**Q666: Which hominid had brain capacity of about 900 cc?**

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

**Q667: Which immunity is acquired naturally after infection?**

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

**Q668: Which microbe is used for production of butyric acid?**

- A) Lactobacillus
- B) Clostridium butylicum
- C) Rhizobium
- D) Aspergillus

**Q669: Which enzyme cuts DNA at specific recognition sites?**

- A) DNA ligase
- B) RNA polymerase
- C) Restriction endonuclease
- D) DNA polymerase

**Q670: Which population interaction benefits both species involved?**

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

**Q671: Which ecological pyramid can be inverted in aquatic ecosystems?**

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

**Q672: Which region of Earth shows maximum biodiversity?**

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

**Q673: Which connective tissue acts as shock absorber and insulator?**

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

**Q674: Which hormone is responsible for milk synthesis?**

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

**Q675: Which part of oviduct is funnel shaped and bears fimbriae?**

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

**Q676: Which chromosomal disorder is caused by trisomy of chromosome 13?**

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

**Q677: Which RNA acts as adaptor during protein synthesis?**

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

**Q678: Which evolutionary process leads to analogous organs?**

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

**Q679: Which disease is caused by Vibrio cholerae?**

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

**Q680: Which microbe is used for production of lactic acid?**

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

**Q681: Which vector is used for gene transfer in plants?**

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

**Q682: Which population parameter indicates number of individuals leaving a population?**

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

**Q683: Which biome is characterised by permafrost and short growing season?**

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

**Q684: Which conservation method involves preservation of species outside natural habitat?**

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

**Q685: Which hormone lowers blood calcium level?**

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

**Q686: Which part of brain coordinates posture and balance?**

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

**Q687: Which extra embryonic membrane helps in respiration of embryo in birds?**

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

**Q688: Which inheritance pattern involves interaction of non allelic genes?**

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

**Q689: Which RNA is smallest in size?**

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

**Q690: Which evolutionary theory explains inheritance of acquired characters?**

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

**Q691: Which disease is transmitted by female Aedes mosquito?**

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

**Q692: Which microbe is used for production of statins?**

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

**Q693: Which step in recombinant DNA technology involves amplification of DNA?**

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

**Q694: Which population interaction harms both interacting species?**

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

**Q695: Which nutrient cycle lacks gaseous phase?**

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

**Q696: Which Indian act deals with protection of wildlife?**

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

**Q697: Which bone forms part of the pelvic girdle?**

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

**Q698: Which hormone stimulates milk production in mammary glands?**

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

**Q699: Which structure prevents polyspermy by cortical reaction?**

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

**Q700: Which environmental issue results from accumulation of pesticides in food chains?**

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