

Quiz: Zoology Set 13

Q601: Which phylum is characterised by metamerism and presence of setae?

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

Q602: Which epithelial tissue lines the intestine and shows microvilli?

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

Q603: Which enzyme converts fats into fatty acids and glycerol in intestine?

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

Q604: Which respiratory pigment is present in molluscs and arthropods?

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

Q605: Which blood group lacks both A and B antibodies?

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

Q606: Which hormone promotes reabsorption of sodium and water in kidneys?

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

Q607: Which connective tissue has no blood supply?

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

Q608: Which part of brain acts as thermostat of body?

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

D) Medulla oblongata

Q609: Which hormone is responsible for development of secondary sexual characters in females?

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

Q610: Which organism reproduces asexually by multiple fission?

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

Q611: Which hormone maintains pregnancy by inhibiting uterine contractions?

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

Q612: Which ART involves fertilisation outside the body followed by embryo transfer?

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

Q613: Which inheritance pattern shows expression of both alleles in heterozygote?

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

Q614: Which enzyme unwinds DNA double helix during replication?

- A) Ligase
- B) Primase
- C) Helicase
- D) Topoisomerase

Q615: Which base is absent in DNA?

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

Q616: Which hominid had tool making ability?

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

D) Homo sapiens

Q617: Which immunity is obtained by injection of antiserum?

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

Q618: Which microbe is used for production of antibiotics like tetracycline?

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

Q619: Which enzyme removes RNA primer and fills gaps during DNA replication?

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

Q620: Which population interaction benefits one species without affecting the other?

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

Q621: Which ecological pyramid can be inverted?

- A) Energy pyramid
- B) Biomass pyramid
- C) All pyramids
- D) None

Q622: Which region shows highest species richness?

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

Q623: Which connective tissue stores fat and reduces heat loss?

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

Q624: Which hormone is responsible for parturition?

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

Q625: Which part of oviduct is the site of fertilisation?

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

Q626: Which chromosomal disorder is caused by absence of one X chromosome?

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

Q627: Which RNA carries amino acids to ribosome?

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

Q628: Which evolutionary process leads to homologous organs?

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

Q629: Which disease is caused by Entamoeba histolytica?

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

Q630: Which microbe is used for production of curd?

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

Q631: Which vector is used for gene transfer in plants?

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

Q632: Which population parameter indicates number of individuals added per unit time?

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

Q633: Which biome is characterised by extreme cold and permafrost?

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

Q634: Which conservation method includes botanical gardens and zoos?

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

Q635: Which hormone decreases blood calcium level?

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

Q636: Which part of brain controls reflex actions?

- A) Cerebrum
- B) Cerebellum
- C) Spinal cord
- D) Hypothalamus

Q637: Which extra embryonic membrane protects embryo from mechanical shock?

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

Q638: Which inheritance pattern involves interaction of two non allelic genes?

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

Q639: Which RNA is the smallest?

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

Q640: Which evolutionary theory explains sudden appearance of species?

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

Q641: Which disease is transmitted by female Anopheles mosquito?

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

Q642: Which microbe is used for production of bioactive molecule statin?

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

Q643: Which step in recombinant DNA technology involves amplification of DNA?

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

Q644: Which population interaction harms both species involved?

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

Q645: Which nutrient cycle does not involve atmosphere?

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

Q646: Which Indian act is related to protection of wildlife?

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

Q647: Which bone forms the pelvic girdle?

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

Q648: Which hormone stimulates milk synthesis in mammary glands?

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

Q649: Which structure prevents polyspermy in humans?

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

Q650: Which environmental issue is caused by accumulation of toxic substances in food chains?

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