

Quiz: Zoology Set 24

Q1151: Which phylum shows a water vascular system?

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

Q1152: Which epithelial tissue lines the inner surface of stomach?

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

Q1153: Which enzyme digests proteins into peptides in stomach?

- A) Trypsin
- B) Pepsin
- C) Rennin
- D) Erepsin

Q1154: Which respiratory pigment is iron-containing?

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

Q1155: Which blood group is universal donor?

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

Q1156: Which hormone increases water reabsorption in collecting ducts?

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

Q1157: Which connective tissue connects muscle to bone?

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

Q1158: Which part of brain maintains posture and balance?

- A) Cerebrum
- B) Cerebellum
- C) Pons

D) Medulla oblongata

Q1159: Which hormone stimulates growth of ovarian follicles and estrogen secretion?

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

Q1160: Which organism reproduces by longitudinal binary fission?

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

Q1161: Which hormone is essential for maintenance of pregnancy?

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

Q1162: Which ART involves direct injection of sperm into ovum?

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

Q1163: Which inheritance pattern is seen in sickle cell anaemia?

- A) Incomplete dominance
- B) Codominance
- C) Autosomal recessive
- D) Polygenic inheritance

Q1164: Which enzyme joins Okazaki fragments during DNA replication?

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

Q1165: Which nitrogenous base pairs with guanine in RNA?

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

Q1166: Which hominid was called Java man?

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

Q1167: Which immunity is obtained by vaccination?

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

Q1168: Which microbe is used for production of ethanol?

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

Q1169: Which enzyme removes RNA primers during DNA replication?

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

Q1170: Which population interaction benefits one species and harms the other?

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

Q1171: Which ecological pyramid is always upright?

- A) Pyramid of number
- B) Pyramid of biomass
- C) Pyramid of energy
- D) Pyramid of productivity

Q1172: Which biome shows highest species richness?

- A) Desert
- B) Tundra
- C) Temperate forest
- D) Tropical rainforest

Q1173: Which connective tissue forms the framework of organs?

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

Q1174: Which hormone causes milk ejection from mammary glands?

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

Q1175: Which part of oviduct captures ovum after ovulation?

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

Q1176: Which chromosomal disorder is caused by XXY condition?

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

Q1177: Which RNA carries amino acids to ribosome?

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

Q1178: Which evolutionary process results in homologous organs?

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

Q1179: Which disease is caused by *Salmonella typhi*?

- A) Cholera
- B) Typhoid
- C) Tuberculosis
- D) Pneumonia

Q1180: Which microbe is used for production of yoghurt?

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

Q1181: Which vector is used for cloning genes in plants?

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

Q1182: Which population parameter represents number of deaths per unit time?

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

Q1183: Which biome is characterised by grasses and scattered trees?

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

Q1184: Which conservation method protects species in their natural habitat?

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

Q1185: Which hormone increases blood calcium level?

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

Q1186: Which part of brain controls involuntary actions like breathing?

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

Q1187: Which extra embryonic membrane encloses embryo and contains amniotic fluid?

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

Q1188: Which inheritance pattern involves one gene affecting multiple phenotypic traits?

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

Q1189: Which RNA is the precursor of mRNA in eukaryotes?

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

Q1190: Which evolutionary theory explains survival of the fittest?

- A) Mutation theory
- B) Lamarckism
- C) Natural selection
- D) Adaptive radiation

Q1191: Which disease is transmitted by female Culex mosquito?

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

Q1192: Which microbe is used for production of bioactive molecule cyclosporin A?

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

Q1193: Which step in recombinant DNA technology involves joining of DNA fragments?

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

Q1194: Which population interaction benefits both species involved?

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

Q1195: Which nutrient cycle is sedimentary?

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

Q1196: Which Indian act is related to conservation of wildlife?

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

Q1197: Which bone forms part of pectoral girdle?

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

Q1198: Which hormone is responsible for milk synthesis in mammary glands?

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

Q1199: Which structure prevents polyspermy by hardening after fertilisation?

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

Q1200: Which environmental issue results from excessive nutrient enrichment of water bodies?

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