

Quiz: Zoology Set 26

Q1251: Which phylum is characterised by presence of a ventral solid nerve cord?

- A) Chordata
- B) Annelida
- C) Echinodermata
- D) Hemichordata

Q1252: Which epithelial tissue forms the lining of small intestine?

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

Q1253: Which enzyme converts maltose into glucose?

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

Q1254: Which respiratory pigment is blue in colour when oxygenated?

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

Q1255: Which blood group lacks antibodies in plasma?

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

Q1256: Which hormone increases potassium excretion from kidney?

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

Q1257: Which connective tissue forms cartilage matrix?

- A) Ossein
- B) Chondrin
- C) Collagen
- D) Elastin

Q1258: Which part of brain regulates body temperature?

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

D) Pons

Q1259: Which hormone initiates spermatogenesis?

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

Q1260: Which organism reproduces by fragmentation?

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

Q1261: Which hormone maintains corpus luteum during pregnancy?

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

Q1262: Which ART involves transfer of gametes into fallopian tube?

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

Q1263: Which inheritance pattern involves many genes controlling a single trait?

- A) Codominance
- B) Polygenic inheritance
- C) Multiple allelism
- D) Epistasis

Q1264: Which enzyme seals nicks in DNA backbone?

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

Q1265: Which nitrogenous base is common to both DNA and RNA?

- A) Thymine
- B) Uracil
- C) Adenine
- D) Uracil and thymine

Q1266: Which hominid showed use of stone tools and was called handyman?

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

Q1267: Which immunity is produced by body after infection?

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

Q1268: Which microbe is used for production of biogas?

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

Q1269: Which enzyme prevents overwinding of DNA during replication?

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

Q1270: Which population interaction is neutral to one species and harmful to the other?

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

Q1271: Which ecological pyramid may be inverted?

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

Q1272: Which region of Earth shows minimum biodiversity?

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

Q1273: Which connective tissue provides tensile strength?

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

Q1274: Which hormone causes contraction of uterus during childbirth?

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

Q1275: Which part of oviduct receives ovum after ovulation?

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

Q1276: Which chromosomal disorder is caused by trisomy 18?

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

Q1277: Which RNA is smallest in size?

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

Q1278: Which evolutionary process leads to adaptive radiation?

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

Q1279: Which disease is caused by *Wuchereria bancrofti*?

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

Q1280: Which microbe is used for production of citric acid?

- A) *Aspergillus niger*
- B) *Saccharomyces*
- C) *Lactobacillus*
- D) *Penicillium*

Q1281: Which vector is commonly used for cloning genes in bacteria?

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

Q1282: Which population parameter refers to number of individuals leaving population?

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

Q1283: Which biome is characterised by tall grasses?

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

Q1284: Which conservation method involves maintenance of germplasm?

- A) In situ conservation
- B) Ex situ conservation
- C) Sacred groves
- D) National parks

Q1285: Which hormone lowers blood calcium level?

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

Q1286: Which part of brain controls autonomic functions?

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

Q1287: Which extra embryonic membrane provides nourishment to embryo?

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

Q1288: Which inheritance pattern shows interaction of non-allelic genes?

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

Q1289: Which RNA carries genetic information?

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

Q1290: Which evolutionary theory proposed sudden origin of species?

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

Q1291: Which disease is transmitted by female Anopheles mosquito?

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

Q1292: Which microbe is used for production of antibiotics?

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

Q1293: Which step in recombinant DNA technology involves uptake of DNA by host?

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

Q1294: Which population interaction benefits both species?

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

Q1295: Which nutrient cycle is gaseous?

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

Q1296: Which Indian act deals with protection of environment?

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

Q1297: Which bone forms part of pelvic girdle?

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

Q1298: Which hormone stimulates milk synthesis?

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

Q1299: Which structure prevents polyspermy after fertilisation?

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

Q1300: Which environmental issue is caused by accumulation of pesticides in food chain?

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