

Quiz: Zoology Set 12

Q551: Which phylum is characterised by presence of jointed appendages and chitinous exoskeleton?

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

Q552: Which epithelial tissue forms the lining of alveoli and blood capillaries?

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

Q553: Which enzyme converts peptones into amino acids in intestine?

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

Q554: Which respiratory pigment is present in annelids like earthworm?

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

Q555: Which blood group is universal donor?

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

Q556: Which hormone increases glomerular filtration rate?

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

Q557: Which connective tissue stores fat and provides insulation?

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

Q558: Which part of brain controls hunger, thirst and body temperature?

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

Q559: Which hormone stimulates ovulation in human females?

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

Q560: Which organism reproduces by budding?

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

Q561: Which hormone is responsible for maintenance of endometrium during pregnancy?

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

Q562: Which ART involves transfer of embryos into uterus?

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

Q563: Which inheritance pattern shows intermediate phenotype in heterozygote?

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

Q564: Which enzyme synthesises RNA during transcription?

- A) DNA polymerase
- B) RNA polymerase
- C) Ligase
- D) Primase

Q565: Which base is present in RNA but absent in DNA?

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

Q566: Which hominid had upright posture and bipedal locomotion?

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

Q567: Which immunity is produced after vaccination?

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

Q568: Which microbe is used for production of biofertiliser in leguminous plants?

- A) Rhizobium
- B) Azotobacter
- C) Nostoc
- D) Anabaena

Q569: Which enzyme joins Okazaki fragments during DNA replication?

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

Q570: Which population interaction benefits both interacting species?

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

Q571: Which ecological pyramid is always upright?

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

Q572: Which biome shows maximum biodiversity?

- A) Desert
- B) Taiga
- C) Tundra
- D) Tropical rainforest

Q573: Which connective tissue connects muscle to bone?

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

Q574: Which hormone is responsible for milk ejection?

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

Q575: Which part of oviduct captures ovum after ovulation?

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

Q576: Which chromosomal disorder is caused by trisomy of chromosome 21?

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

Q577: Which RNA carries genetic information from DNA to ribosome?

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

Q578: Which evolutionary process results in analogous organs?

- A) Divergent evolution
- B) Convergent evolution
- C) Speciation
- D) Mutation

Q579: Which disease is caused by Trypanosoma gambiense?

- A) Kala azar
- B) Sleeping sickness
- C) Malaria
- D) Filariasis

Q580: Which microbe is used for production of antibiotics like penicillin?

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

Q581: Which vector is used for cloning genes in plants?

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

Q582: Which population parameter refers to number of individuals per unit area?

- A) Natality
- B) Mortality
- C) Population density
- D) Dispersion

Q583: Which biome is characterised by long cold winters and coniferous forests?

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

Q584: Which conservation method involves zoological parks?

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

Q585: Which hormone lowers blood calcium level?

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

Q586: Which part of brain controls involuntary activities?

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

Q587: Which extra embryonic membrane helps in respiration of embryo in birds?

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

Q588: Which inheritance involves interaction of two non allelic genes?

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

Q589: Which RNA is smallest in size?

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

Q590: Which evolutionary theory was proposed by Hugo de Vries?

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

Q591: Which disease is transmitted by female Culex mosquito?

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

Q592: Which microbe is used for production of biogas?

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

Q593: Which step in biotechnology involves amplification of DNA?

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

Q594: Which population interaction harms both species involved?

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

Q595: Which nutrient cycle lacks gaseous phase?

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

Q596: Which Indian act deals with protection of wildlife?

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

Q597: Which bone forms part of pelvic girdle?

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

Q598: Which hormone stimulates milk production?

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

Q599: Which structure prevents polyspermy in humans?

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

Q600: Which environmental issue is caused by accumulation of pesticides in food chains?

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