

Quiz: Zoology Set 3

Q101: Which phylum is characterised by presence of true coelom formed by schizocoely?

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

Q102: Which digestive enzyme acts optimally in acidic medium?

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

Q103: Which respiratory pigment is present in earthworm?

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

Q104: Which component of blood is responsible for clotting?

- A) Erythrocytes
- B) Leucocytes
- C) Platelets
- D) Plasma proteins

Q105: Which hormone increases reabsorption of sodium ions in kidney?

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

Q106: Which type of muscle shows intercalated discs?

- A) Skeletal
- B) Smooth
- C) Cardiac
- D) Striated voluntary

Q107: Which neurotransmitter is released at neuromuscular junction?

- A) Adrenaline
- B) Noradrenaline
- C) Acetylcholine
- D) Dopamine

Q108: Which hormone is known as emergency hormone?

- A) Thyroxine
- B) Adrenaline
- C) Cortisol

D) Glucagon

Q109: Which structure in ovary releases ovum?

- A) Graafian follicle
- B) Corpus luteum
- C) Corpus albicans
- D) Theca

Q110: Which sexually transmitted disease is caused by bacterium?

- A) AIDS
- B) Genital herpes
- C) Gonorrhoea
- D) Warts

Q111: Which law explains equal separation of alleles?

- A) Law of dominance
- B) Law of segregation
- C) Law of independent assortment
- D) Mutation law

Q112: Which enzyme synthesises RNA from DNA template?

- A) DNA polymerase
- B) RNA polymerase
- C) Reverse transcriptase
- D) Ligase

Q113: Which base pairing occurs during transcription?

- A) A-T and G-C
- B) A-U and G-C
- C) A-U and G-U
- D) A-T and G-U

Q114: Which stage of human evolution is called upright man?

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

Q115: Which immunity is provided by vaccination?

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

Q116: Which microbe is used for sewage treatment?

- A) Methanobacterium
- B) Activated sludge microbes
- C) Rhizobium
- D) Yeast

Q117: Which enzyme cuts DNA at specific palindromic sequences?

- A) Ligase
- B) Exonuclease
- C) Restriction endonuclease
- D) Polymerase

Q118: Which population interaction harms one species and benefits the other?

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

Q119: Which ecological pyramid is always upright?

- A) Energy pyramid
- B) Biomass pyramid
- C) Number pyramid
- D) All pyramids

Q120: Which hotspot is located in India?

- A) Amazon
- B) Western Ghats
- C) Madagascar
- D) Sundaland

Q121: Which tissue is responsible for voluntary movement?

- A) Smooth muscle
- B) Cardiac muscle
- C) Skeletal muscle
- D) Visceral muscle

Q122: Which hormone stimulates thyroid gland?

- A) TSH
- B) ACTH
- C) GH
- D) FSH

Q123: Which structure is site of fertilisation in humans?

- A) Ovary
- B) Uterus
- C) Ampulla of fallopian tube
- D) Cervix

Q124: Which chromosomal disorder results in XO condition?

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

Q125: Which RNA forms ribosomes?

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

Q126: Which evolutionary force leads to change in gene frequency due to chance?

- A) Gene flow
- B) Mutation
- C) Genetic drift
- D) Natural selection

Q127: Which pathogen causes pneumonia?

- A) Plasmodium
- B) Streptococcus pneumoniae
- C) Entamoeba
- D) HIV

Q128: Which fungus is used to produce antibiotics?

- A) Aspergillus
- B) Penicillium
- C) Rhizopus
- D) Yeast

Q129: Which vector is used to transfer insulin gene?

- A) Plasmid
- B) Cosmid
- C) Virus
- D) Chromosome

Q130: Which population shows logistic growth?

- A) Unlimited resources
- B) Limited resources
- C) No competition
- D) No predators

Q131: Which biome has long cold winters and coniferous forests?

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

Q132: Which conservation method involves zoological parks?

- A) In situ
- B) Ex situ
- C) Biosphere reserve
- D) Sanctuary

Q133: Which gland secretes melatonin?

- A) Pituitary
- B) Pineal
- C) Thyroid
- D) Adrenal

Q134: Which reflex is controlled by medulla oblongata?

- A) Knee jerk
- B) Withdrawal
- C) Coughing
- D) Walking

Q135: Which membrane surrounds foetus?

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

Q136: Which inheritance pattern shows one gene affecting multiple traits?

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

Q137: Which molecule carries genetic code from nucleus to cytoplasm?

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

Q138: Which evidence supports common ancestry?

- A) Analogous organs
- B) Homologous organs
- C) Vestigial organs
- D) Fossils

Q139: Which disease is transmitted by housefly?

- A) Malaria
- B) Cholera
- C) Rabies
- D) Tuberculosis

Q140: Which microbe is used for production of ethanol?

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

Q141: Which step in biotechnology involves amplification of gene?

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

Q142: Which population interaction benefits one species without affecting the other?

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

Q143: Which nutrient cycle has gaseous phase?

- A) Phosphorus cycle
- B) Sulphur cycle
- C) Carbon cycle
- D) Both sulphur and carbon

Q144: Which Indian act is related to wildlife protection?

- A) Air Act
- B) Water Act
- C) Wildlife Protection Act
- D) Forest Act

Q145: Which bone protects brain?

- A) Vertebra
- B) Cranium
- C) Sternum
- D) Pelvis

Q146: Which hormone is secreted during lactation?

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

Q147: Which structure degenerates after ovulation?

- A) Graafian follicle
- B) Corpus luteum
- C) Corpus albicans
- D) Zona pellucida

Q148: Which disorder is caused due to frameshift mutation?

- A) Sickle cell anaemia
- B) Thalassemia
- C) Phenylketonuria
- D) Cystic fibrosis

Q149: Which virus causes common cold?

- A) Adenovirus
- B) Rhinovirus
- C) Retrovirus
- D) Hepatitis virus

Q150: Which environmental issue is caused by accumulation of non biodegradable materials?

- A) Ozone depletion
- B) Biomagnification
- C) Solid waste pollution
- D) Global warming