

# PPSC Lecturer Zoology MCQs

1) Chano cysts are found in?

- (a) Coelentrate
- (b) Annelida
- (c) Porifera
- (d) Arthropoda
- (e) All of these

2) House fly is a common insect having \_\_\_\_\_ legs.

- (a) 4
- (b) 6
- (c) 8
- (d) None of these

3) Silver fish is included in:

- (a) Pisces
- (b) Arthropoda
- (c) Annelida
- (d) None of these

4) Number of vertebrae in neck of a giraffe are:

- (a) 10
- (b) 5
- (c) 7
- (d) None of these

5) Flame cell is typical of:

- (a) Annelida
- (b) Chordata
- (c) Porifera
- (d) Platyhelminthes
- (e) None of these

6) Nervous system originates from:

- (a) Epidermis
- (b) Mesodermis
- (c) Endodermis
- (d) None of these
- (e) All of these

7) Mammals are characterized by:

- (a) Mammary Glands
- (b) Hair
- (c) All of these
- (d) None of these

8) Nucleus is not present in RBC of:

- (a) Fish
- (b) Snake
- (c) Bird
- (d) Mammal
- (e) None of these

9) Scales in fish derive their origin from:

- (a) Epidermis
- (b) Mesodermis
- (c) Endodermis
- (d) None of these

10) Sound in insect is produced through:

- (a) Mouth
- (b) Tracheal movements
- (c) Wing beat
- (d) None of these

11) Sole of foot in man has \_\_\_\_\_ location:

- (a) Dorsal
- (b) Ventral
- (c) lateral
- (d) None of these

12) Coelome in adult mammals is represented by:

- (a) Visceral cavity
- (b) Cavity in brain
- (c) Both of these
- (d) None of these

13) The Skelton in insects is:

- (a) Exoskeleton
- (b) Endoskeleton
- (c) None of these
- (d) Both of these

14) Sea horse is included in:

- (a) Mammals
- (b) Fish
- (c) Reptiles
- (d) None of these

15) Circulatory system is open type in:

- (a) Annelida
- (b) Insecta
- (c) Mammals
- (d) None of these

16) The body cavity is regarded as pseudocoel in Nematodes because:

- (a) Has ectodermal origin
- (b) Not completely lined by Mesodermal epithelium
- (c) Has endodermal origin
- (d) None of these
- (e) All of these

17) True metaneric segmentation is characteristic of:

- (a) Molluses
- (b) Annelida
- (c) Arthropoda
- (d) None of these

18) Hollow dorsal nervous system is present in:

- (a) Amphioxus
- (b) Fish
- (c) Mammals
- (c) None of these
- (e) All of these

19) Contractile vacuole in protozoa is mainly responsible for:

- (a) Excretion
- (b) Osmoregulation
- (c) respiration
- (d) None of these

20) Scorpion is included in:

- (a) Insecta
- (b) Arachnida
- (c) Echinodermata
- (d) None of these

21) Cell membrane is formed of:

- (a) Carbohydrate
- (b) Lipid
- (c) Protein
- (d) Lipoprotein
- (e) None of these

22) Electron transport chain reaction occur in:

- (a) Cell membrane
- (b) Cell wall
- (c) Endoplasm
- (d) Mitochondrion
- (e) None of these

23) Ribosomes in cell are responsible for:

- (a) Protein formation
- (b) Glycolysis
- (c) Lipid breakdown
- (d) All of these
- (e) None of these

24) Golgi complex is responsible for:

- (a) Carbohydrate metabolism
- (b) Protein synthesis
- (c) Lipid synthesis
- (d) None of these
- (e) All of these

25) Basic excretory chemicals in all the cells is:

- (a) Urea (b) Uric acid
- (c) Ammonia
- (d) None of these
- (e) All of these

26) Oxygen transport from lungs to tissue occurs through:

- (a) Difference in pressure
- (b) Solubility in plasma
- (c) Attachment with RBC surface
- (d) None of these
- (e) All of these

27) FSH (Follicle Stimulating Hormone) is produced in:

- (a) Ovary
- (b) Hypothalamus
- (c) Pituitary
- (d) None of these
- (e) All of these

(28) Lipase is an enzyme responsible for:

- (a) Carbohydrate metabolism
- (b) Lipid breakdown
- (c) Protein breakdown
- (d) None of these

(29) Law of segregation is applicable to:

- (a) Homozygous individual
- (b) Heterozygous individual
- (c) Both Homozygous and heterozygous
- (d) None of these

(30) Sex linked genes concern:

- (a) Sex characters
- (b) Somatic character
- (c) Mostly somatic character
- (d) None of these

(31) XXY individual in man is a phenotypic male, because:

- (a) Two X chromosomes are present
- (b) Y-chromosome is present
- (c) Both X and Y chromosomes are present
- (d) None of these

(32) Trisomic condition can be produced through:

- (a) Primary Non-disjunction
- (b) Secondary non-disjunction
- (c) Both a and b
- (d) None of these

(33) First living organism on this planet was:

- (a) A protozoan
- (b) An algae
- (c) Bacteria (d) A virus
- (e) None of these

(34) Theory of Natural Selection was proposed by:

- (a) Charles Darwin
- (b) A.R. Wallace
- (c) Both a and b
- (d) None of these

(35) Lamarck's theory of inheritance of acquired characters says:

- (a) Environment forces a character
- (b) Environment selects a character
- (c) Environment has no effect
- (d) None of these

(36) Orthoselection means:

- (a) Selection occurring at different times
- (b) Selection occurring at different rates
- (c) Selection occurring in one direction
- (d) None of these
- (e) All of these

(37) Haeckle's biogenetic law says:

- (a) Ontogeny repeats phylogeny
- (b) Phylogeny repeats ontogeny
- (c) None of these
- (d) Both a and b together

(38) Ecosystem is a system involving biotic and abiotic components which:

- (a) Interact
- (b) Interact for energy flow
- (c) No interaction
- (d) None of these

(39) Nitrogen biogeochemical cycle is regarded as gaseous cycle because:

- (a) Nitrogen is a gas
- (b) Recycling is almost complete
- (c) Major part of cycle is in gaseous state
- (d) None of these

(40) Raw material for evolution are variation, which are produced through:

- (a) Gene mutation
- (b) Chromosomal aberration
- (c) Both a and b
- (d) None of these

41) What is the function of contractile vacuole?

- (a) respiration
- (b) reproduction
- (c) osmoregulation
- (d) digestion
- (e) None of these

42) Spicules are secreted by special mesenchymal amoebocytes called:

- (a) scleroblasts
- (b) microscleres
- (c) myocytes
- (d) collencytes
- (e) None of these

43) True nerve cells or ganglion cells occur for the first time in:

- (a) Protozoa
- (b) Porifera
- (c) Coelenterata
- (d) Annelida
- (e) None of these

44) The process by which an organism can replace its lost or damaged body parts is called:

- (a) reformation
- (b) regeneration
- (c) reclamation
- (d) reconstruction
- (e) None of these

45) Nematocysts are found in:

- (a) Protozoa
- (b) Porifera
- (c) Annelida
- d) Mollusca
- (e) None of these

(46) In polychaetes the locomotory organ is:

- (a) pseudopodium
- (b) neuropodium
- (c) notopodium
- (d) parapodium
- (e) None of these

(47) Worms belonging to phylum platyhelminthes are commonly known as:

- (a) round worms
- (b) ring worms
- (c) segmented worms
- (d) earth worms
- (e) None of these

(48) Bipinnaria is a larval form of:

- (a) Coelenterate
- (b) Polychaeta
- (c) Echinodermata
- (d) Cestoda
- (e) None of these

(49) Closed type of circulatory system is found in:

- (a) Platyhelminthes
- (b) Annelida
- (c) Porifera
- (d) Arthropoda
- (e) None of these

(50) The two common mosquito genera, Anopheles and Culex, can be easily identified by their:

- (a) colour
- (b) flying speed
- (c) size
- (d) sitting posture
- (e) None of these