Paper Code - 3613

B.Sc. Semester-III
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Zoology (Theory)

કુલ સમય :– ૬૦ મીનીટ કુલ પ્રશ્નો : ૫૦ વિદ્યાર્થીએ ટીક કરવાના પ્રશ્નો : ૩૫
નોંધ : વિદ્યાર્થીએ માત્ર ૩૫ પ્રશ્નો જ ટીક કરવાના રહેશે. જો વધારે ટીક કરેલ હશે તો પ્રથમ ૩૫ પ્રશ્નો જ ગણતરીમાં લેવામાં આવશે.

1 …… is a method of reproduction seen in protozoa.
A Syngamy B Plasmogamy C Schizigony D Plasmotomy

2 Mention the location of slims gland of leech is in ……..
A Stomach region B Nephridial region C Posterior sucker D All over the body

3 A organ which is spread over 11^{th} to 22^{nd} segments in leech is ……..
A Testis B Vas deferens C Epididymis D Vas efferens

4 Pontobdella is classified under the order ……..
A Rhynchobdellida B Acanthobdellida C Neooligochaeta D Archioligochaeta

5 Mention the class of scorpion and spider ……..
A Chelicerata B Arachnida C Merostomata D B & C

6 Shell composed of a series of eight calcareous pieces in ……..
A Polyplacophora B Palmpnata C Pectinobranchia D Non of Above

7 ……. Is the example of class Pelecypoda.
A Patell B Teredo C Chiton D Pila

8 …… is parasite on crustaceans.
A Cyclops B Lepas C Sacculina D Locust

9 What is proper foe cephalopoda ?
A Byssus gland for adhesion B Plough shape Muscular foot
C Head bears eyes and mouth D Muscular foot on ventral surface

10 A single pair of wings observe in an organisms of order ……..
A Odonata B Lepidoptera C Hymenoptera D Diptera

11 Mention the order of snail and pila ……
A Polyplacophora, Monoplacophora B Palmonata, Pectinibranchia
C Opisthobranchiata, Chitonida D Filibranchiata, Octopoda

12 The clitellum region in leech is spread over the segments …….
A 6 to 8 B 8 to 10 C 9 to 11 D 10 to 12

13 Pre-clitellum region in leech is observe …….to …….segments.
A 6, 8 B 9, 10 C 10, 12 D 11, 12

14 ……. Is responsible to produce ovum and sperms in Sponge gemmules.
A Chromoblast B Cnidoblast C Heteroblast D Homoblast

15 In leech, sub-pharyngeal ganglion is made-up from …….of ganglion.
A Two pairs B Three pair C Four pair D Single pair

16 Titillator is the part of …….phallomere of cockroach.
A Ventral B Left C Right D B and C

17 …… mouth part have found Palpifer in cockroach.
A Cardo B Mandible C Maxilla D Labium

18 Under stated which living group has correlation with Zooxanthellae ?
A Hydrozoa B Scyphozoa C Anthozoa D Above all three

19 What dose trophallaxis mean in insects ?
A Flock migration B Communication by mouth to mouth food exchange
C Group attack D Un-natural death

20 The total …….number of enteric caeca found in cockroach.
A 4 B 8 C 3 D so many

21 Under listed which organism put under the order Errantia ?
A Sabella B Aphrodite C Leech D Pontobdella

22 What is not proper for class Hirudinia ?
A Botryoidal tissue B Exeo- parasite, Free living
C Appearance of clitellum D Non of above

23 What is not true for Peripatus ?
A Single pair of jaw B Two pair of jaw C Three pair of jaw D Lack of jaw

24 Under listed which phylum representative have kidney ?
A Arthropoda B Annelida C Mollusca D Non of above all

25 What numbers of abdominal spiracles are there in cockroach has ?
A 8 B 10 C 16 D 4

26 The outermost layer of spermatophore is formed by ……..
A Vas deference B Mushroom gland C Ejaculatory duct D Conglobate gland

27 Post formed zygote which gland is important to form ootheca in cockroach ?
A Conglobate B Collaterial C Mushroom D Non of above all

28 Holophytic nutrition observes in ……
A Amoeba B Paramecium C Euglena D Plasmodium

29 Mode of reproduction observes in Vorticella and Ephalota is …….
A Binary fission B Multiple fission C Budding D Regeneration

30 Spicules in Euplactella are formed by ……
A Fibers of spongin B CaCo3 C Calcite D Silicate

31 Spicules are found in …….
A Protozoa B Porifera C Annelida D Molusca

32 Pesticide like …….is apply to control pest like Silverfish.
A Boric acid B Vinegar C Beer D Coffee

33 What is true about reproduction in Plasmodium ?
A Conjugation B Hologamy C Isogamy D Anisogamy

34 When the pair of adults plays like gametes and formed zygote is known as ……
A Hologamy B Isogamy C Anisogamy D Autogamy

35 An animal play mode like parthenogenesis is ……
A Vorticella B Volvox C Chlamydomonas D Euglena

36 Blister beetle is harmful as to sign ……..
A Crop pest B Fatal to Human
C Ulcer and blisters D Swelling and burning in skin

37 Pinocytosis is the character of ……..
A Rhizopodea B Flagellate C Ciliate D A, B, C

38 A process of digested food contents to provide each elements of the body is known as ……..
A Pinocytosis B Ingestion C Egestion D Assimilation

39 An enzyme bring together from abstract of leech, which apply for the treatment disease like Asthma Is ……
A Glucolytic B Proteolytic C Lipolytic D Nucliase

40 ……. Is not true about microsclere of sponges.
A Monoxon B Spire C Aster D Non of above all

41 What is not proper about coral ?
A Short pharynx B Body wall with cnidoblast
C Development of muscles D Primary level of nervous system

42 Red ants used by tribal people for the treatment of disease like …….
A Amoebiasis B Malaria C Typhoid D TB

43 A larval stage forms in during coral development is ……
A Parenchymula B Planula C Sporocyst D Veliger

44 Mention an important of water beetle ……..
A as anticoagulant B as antidiuretic
C for osmoregulation D treatment for ulcer and typhoid

45 An insect which suck the juice from plants is ……
A Aphids B Black beetle C Weevils D Bugs

46 State an economic importance of Trichonympha ……..
A supportive to fishes for digestion B for fat digestion in grasshopper
C cellulase secretion D damage to beetle's skin

47 Under listed which phylum representatives are observes unisexual as well as bisexual ?
A Arthropoda B Mollusca C Echinodermata D A, B, C all three

48 State the order of crab …….
A Decapoda B Diplostraca C Branchiopoda D Copepoda

49 A mollusk useful to produce sleep medicine is ……
A Pila B Oyster C Sepia D Octopus

50 BT bacterium is applied for …….
A Controlling the ants B destruction of mosquito larva
C destruction of spiders and silverfish D destruction of cockroach