

Question Bank
B.Sc. Part-I Semester-II
Zoology Paper - III

Title of Paper: Animal Diversity & Insect vector

1. Sand fly transmits.....parasite

A) Plasmodium B) Leishmania C) Zika D) Ebola

2) Which of the following is not a mosquito borne disease?

A) Malaria B) Dengue fever C) Yellow fever D) Viral fever

3) Name the vector via which Cholera is transmitted to humans?

A) Ticks B) Shadflies C) Mosquitoes D) House fly

7) Newly entered Sporozoites of the malarial parasites migrate and first develop inside the.....

A) Liver B) Brain C) Lungs D) Pancreas

8) The Dengue Virus is transmitted by

A) Aedes sp. B) Culex sp. C) Anopheles sp. D) Armiger sp.

9) Chikungunya disease transmitted by.....

A) Armiger sp. B) Aedes sp. C) Culex sp. D) Anopheles sp.

10) Elephantiasis is a borne disease

A) Bacterial B) Viral C) Protozoan D) Nematode

11) Vector of Elephantiasis disease is A) Mosquito B) Housefly
C) Tse-tse fly D) Bed bug

12) Anopheles mosquito has.....

A) White Bands on abdomen B) White Bands on Body C) Blackish to dark brown colour D) Yellow bands on Body

13) Larvae of Mosquitoes feed on

A) Organic Matter B) Blood C) Hair D) Bone

14) Plasmodium vivax parasite infects.....

A) RBC. B) WBC. C) Platelets D) Stem cell

15) On an average Life cycle of Mosquitoes completed within a.....days

A) 20-25days, B) 25-30 days C) 30-40 Days D) 7-12days

16) Wuchereria bancrofti cause a disease

A) Filariasis B) Malaria C) Yellow fever D) Kala azar

17) Viral encephalitis affects on.....organ

A) Liver B) Lungs C) Heart D) Brain

18) Mosquito can effectively control by.....

A) Disposing Breeding habitat B) Using different Repellents C) Using Chemical Pesticides D) Using Pheromonal trap

19) Larval Stage of House fly called

A) Nymph B) Caterpillar C) Grub D) Maggot

20) House fly transmits.....disease

A) Yellow fever B) Dengue C) Cholera D) Elephantiasis

21) Name the vector via which yellow fever is transmitted to humans?

A) Ticks B) Shadflies C) Mosquitoes D) Rodents

22) Sporozoites of the malarial parasites are found in.....

A) The saliva of female Anopheles mosquito, which is freshly moulted

B) The saliva of infected female Anopheles mosquito

C) RBCs of an infected human D) The spleen of an infected human

23) The malarial parasite Plasmodium is infect.....

A) Human liver B) Human RBCs C) Salivary glands of female Anopheles D) The gut of female Anopheles

24) Chikungunya isdisease

A) Bacterial B) Viral C) Protozoan D) Fungal

25) Malarial is.....disease

A) Bacterial B) Viral C) Protozoan D) Fungal

26) Anopheles mosquito has.....

A) White Bands on abdomen B) White Bands on Body C) Blackish to dark brown patches on lateral side of wing. D) Yellow bands on Body

27) Larvae of Sand fly feeds on

A) Organic Matter B) Blood C) Hair D) Bone

28) On an average Life cycle of Mosquitoes completed within a.....days

B) 20-25days, B) 25-30 days C) 30-40 Days D) 7-12days

29) The Aedes mosquito transmits disease. A)Dengue B) Malaria C) Smallpox D) Jaundice

30) Larval Stage of Hose fly called

A) Nymph B) Caterpillar C) Grub D) Maggot

31) Which of following mosquito seating in 45o triangle while taking meal.

A) Female Anopheles B) Female Culex C) Female Aedes D) FeamleArmigeres.

32) Rat flea transmits.....disease.

Dengue B) Malaria C) Plague D) Filariasis

33.Rat belongs to class-----

A.Reptilia B.Mammalia C>Aves D.Amphibia

34.----- teeths of Rat grow continuously thoroughout its life

A.Incisors B.Molars C.Premolars D.Canines

35.----- Islets of Langerhans secret a hormone called-----

A.FSH B.TSH C.Testosterone D.Insulin

36.Heart of Rat is ----- chambered

A. One B.Four C.Three D.Incomplete Four

37.The oxygenated blood from the right and left lungs is collected by the -----

A.Pulmonary artery B.Pulmonary vein C.Coronary artery D.Carotid artery

38.The contraction of the ventricles is known as the -----

A.Systole B.Diastole C.Cardia cycle D.Pause

39.Malphigian body is a structure present in -----

A.Testis B.Brain C.Kidney D.Urinary bladder

Q.2. Write a Long answer on (Each question carries 10 Marks)

1. What is Malaria. With neat labelled diagram explain life cycle of malarial parasite.

2. What is Myiasis? Describe in detail life cycle of house fly

3. Describe life cycle of Mosquito with suitable diagram and write in brief on its control measures.

4. Describe life cycle of House fly with suitable diagram and write in brief on its control measures.

5. Explain in detail mode of infection of mosquito born disease Malaria.

6. Explain in detail mode of infection of mosquito born disease Dengue.

7. Explain in detail mode of infection of mosquito born disease Chikungunya.

8. Write in detail Life cycle of House fly and Explain Housefly born disease.

9. Explain in detail life cycle of Rat flea and Flea-borne disease plague.

10. Explain in detail life cycle of Rat flea and Flea-borne disease typhus fever.

11. Write in detail prevention and control measures of insect vectors.

12. List the mosquito borne diseases and write in brief about it.

13. Describe life cycle of rat flea with suitable diagram and write in brief on its control measures.

14. Describe in detail causes, life cycle, symptoms and control measures of Malaria.

15. Describe in detail causes, life cycle, symptoms and control measures of Dengue

16. Describe in detail causes, life cycle, symptoms and control measures of Chikengunya

17. Define Digestion. Describe in detail Digestive system of Rat

18. Describe in detail structure of Heart with respect to Rat

19. What is respiration. Describe in detail components of Respiratory system of Rat.

Q.3. Write a Short note on (Each question carries 05 Marks)

1. Mosquitoes as a vector.
2. Housefly as a vector.
3. Sand fly as a vector.
4. Mode of infection of malaria disease.
5. Mode of infection of Dengue disease.
6. Mode of infection of Chikungunya disease.
7. Mode of infection of Filariasis disease.
8. Mode of infection of viral encephalitis.
9. Control measures of Mosquitoes.
10. Control measures of house fly.
11. Flea as an insect vectors.
12. Host-specificity.
13. Write in brief on Plague
14. Write in brief on Typhus fever.
15. Control measures of Rat flea.
16. Housefly born diseases.

17. Blood of Rat

18. Plague

19. Typhus fever

20. Control measures of House fly

21. Control measures of Mosquito

22. Myiasis

23. Draw diagram of female reproductive system of Rat

24. Draw well labelled diagram of Excretory system of Rat