

Medical Zoology**UNIT- 1****Question No. 1 (A) Define / Explain / Comments [2 Marks each]**

1. Medical zoology
2. Enlist branches of Medical zoology

Question No. 1 (B) Multiple choice [1 Mark each]

1. Medical entomology is the branch of Science which deals with the study of harmful
.....
a) Helminthes b) Insects c) Protozoan d) Echinoderms

UNIT- 2**Question No. 1 (A) Define / Explain / Comments [2 Marks each]**

1. Ectoparasite
2. Endoparasite

Question No. 1 (B) Multiple choice [1 Mark each]

1. Tick is the parasite
a) Ectoparasite b) Endoparasite c) Gut parasite d) Lymph parasite

Question No. 2 Short notes [4 Marks each]

1. What is endoparasite? Enlist different endoparasites.

Sketch and label [3 Marks each]

1. *Trypanosoma gambiense*
2. Tape worm

Sketch and label [4 Marks each]

1. *Trichinella spiralis*

UNIT- 3**Question No. 1 (A) Define / Explain / Comments [2 Marks each]**

1. Host
2. Vector

Question No. 1 (B) Multiple choice [1 Mark each]

1. host is which parasite becomes adult reaches maturity and posses
sexual reproduction
a) Reservoir b) Definitive c) Intermediate d) Carrier.

Question for [3 Marks each]

1. Intermediate host

2. Paratenic host or carrier host
3. Reservior host

Question for [4 Marks each]

1. Definitive host

UNIT- 4**Question No. 1 (A) Define / Explain / Comments [2 Marks each]**

1. Disease
2. Vaccination
3. Infectious diseases

Question No. 1 (B) Multiple choice [1 Mark each]

1. Dengue is transmitted by mosquitoes
a) *Aedes* b) *Culex* c) *Anopheles* d) None of above
2. is the viral infection
a) Tetanus b) Cholera c) Malaria d) Rabies

Question No. 2 Short notes [4 Marks each]

1. Write causative agent, transmission, signs and symptoms of Dengue fever
2. Write causative agent, transmission, signs and symptoms of Chikungunya
3. Write causative agent, transmission, signs and symptoms of Rabies
4. Write causative agent, transmission, signs and symptoms of Cholera
5. Write causative agent, transmission, signs and symptoms of Anthrax
6. Write causative agent, transmission, signs and symptoms of Leptospirosis
7. What is disease? classify them

Sketch and label [2 Marks each]

1. Dengue virus
2. Chikungunia virus
3. Rabies virus
4. *Vibrio cholerae*
5. Anthrax bacillus
6. Tetanus bacteria

Question for [3 Marks each]

1. Prevention and treatment of Dengue
2. Prevention and treatment of Rabies
3. Prevention and treatment of Cholera
4. Prevention and treatment of Anthrax

5. Prevention and treatment of Tetanus
6. Prevention and treatment of Leptospirosis

UNIT- 5

Question No. 1 (A) Define / Explain / Comments [2 Marks each]

1. Habit and habitat of *Entamoeba histolytica*
2. Habit and habitat of *Plasmodium vivax*
3. Habit and habitat of *Wuchereria bancrofti*
4. Habit and habitat of *Ascaris lumbricoids*

Question No. 1 (B) Multiple choice [1 Mark each]

1. species of Entamoeba is pathogenic
a) *E. coli*. b) *E. gingivalis*. c) *E. histolytica*. d) None of above.
2. Malarial parasite is transmitted by mosquito species
a) *Culex*. b) *Aedes*. c) *Anopheles*. d) None of above.
3. Malarial fever is caused by
a) *E. histolytica*. b) *E. col*. c) *P. vivax*. d) *E. gingivalis* .
4. disease is caused by *Wuchereria bancrofti*
a) Ascariasis. b) Elephantiasis. c) Paralysis. d) Pediculosis.
5. Ascariasis is caused byparasite
a) *Entamoeba*. b) *Ascaris*. c) *Aedes*. d) *Plasmodium*.

Questions for [4 Marks each]

1. Pathogenicity of *E. histolytica*.
2. Pathogenicity of *P. vivax*.
3. Pathogenicity of *W. bancrofti*.
4. Pathogenicity of *A. lumbricoids*.

Questions for [3 Marks each]

1. Prevention and control of amoebic dysentery
2. Prevention and control of ascariasis.
3. Sketch and label of Male Ascaris.

Sketch and label [3 Marks each]

1. Trophozoite of *E. histolytica*.
2. Male *Ascaris*.

Sketch and label [6 Marks each]

1. Diagrammatic representation of life cycle of *Ascaris lumbricoids*.
2. Diagrammatic representation of life cycle of *Wuchereria bancrofti*.

3. Diagram showing Sporogony.

Question No. 5 [6 Marks each]

1. Diagrammatic representation of life cycle of *Entamoeba histolytica*.
2. Describe Pre-erythrocytic cycle in man.
3. Describe Erythrocytic Schizogony.
4. Sexual cycle of *Plasmodium vivax* in mosquito.
5. life cycle of *Wuchereria bancrofti*.
6. Describe the development of *Ascaris* in the body of human host.

UNIT- 6**Question No. 1 (A) Define / Explain / Comments [2 Marks each]**

1. Control of head louse.
2. Control of Tick.
3. Control of Mite.
4. Pediculosis.
5. Scabies.

Question No. 1 (B) Multiple choice [1 Mark each]

1. Head louse causes disease
 - a) Pediculosis.
 - b) Ascariasis.
 - c) Filariasis.
 - d) Malaria.
2. Posterior end of male *Ascaris* has
 - a) Spines .
 - b) Thorn.
 - c) Copulatory spicules.
 - d) Scales.

Question for [3 Marks each]

1. Sketch and label Tick.
2. Sketch and label Mite.

Sketch and label [3 Marks each]

1. Tick.

Question for [4 Marks each]

1. Morphology of head louse.
2. Morphology of Tick.
3. Morphology of Mite.
4. Describe the life cycle of head louse.
5. Describe the life cycle of Mite.

Sketch and label [4 Marks each]

1. Head louse.
2. Mite.
3. Diagrammatic representation of life cycle of head louse.

4. Diagrammatic representation of life cycle of Tick.
5. Diagrammatic representation of life cycle of *Sarcoptes scabiei*.

UNIT- 7

Question No. 1 (A) Define / Explain / Comments [2 Marks each]

1. Erythrocytes and hemoglobin.
2. M. R. I.
3. C. T. Scan.
4. Ultrasonography.

Question No. 1 (B) Multiple choice [1 Mark each]

1. Total number of R. B. Cs. count per cubic mm is
a) 1-2 million. b) 2-3 million. c) 4 – 5 million. d) 7-8 million.
2. g/ 100 ml is the normal range hemoglobin in blood of adult man.
a) 13 -16. b) 16-20. c) 7-10. d) None of above.

Question for [3 Marks each]

1. Importance of Lipid profile.
2. Principle of hemoglobin estimation.

Question for [4 Marks each]

1. Pathological importance of haemoglobin OR Anemia.
2. Pathological importance of Red Blood Corpuscles.
3. Pathological importance of White Blood Corpuscles.
4. Pathological importance of Lipid profile.
5. Write principles and importance of Lipid profile.

UNIT- 8

Question No. 1 (A) Define / Explain / Comments [2 Marks each]

1. Forensic entomology.
2. Postmortem changes.

Question for [4 Marks each]

1. Forensic entomology.

UNIT- 9

Question No. 1 (A) Define / Explain / Comments [2 Marks each]

1. Yoga.
2. Pranayam.

3. Diabetes.
4. Obesity.
5. Arthritis.
6. Blood pressure.

Question No. 1 (B) Multiple choice [1 Mark each]

1. Yoga is a greatest concept.
a) Indian. b) Chinese. c) European. d) Japanese.

Question for [3 Marks each]

1. Enlist the types of Pranayam.

Question for [4 Marks each]

1. Bhastrica Pranayam.
2. Anulom-vilom.
3. Bhramari.
4. Pranav pranayam.
5. Kapalbhathi.

Question for [6 Marks each]

1. Effect of Yoga and Pranayam on Respiratory system.
2. Effect of Yoga and Pranayam on Blood circulation.
3. Effect of Yoga and Pranayam on Endocrine system.
4. Effect of Yoga and Pranayam on Kidney diseases.

UNIT- 10

Question No. 1 (A) Define / Explain / Comments [2 Marks each]

1. Nano technology.
2. Scope of Nano technology in Drug delivery system.
3. Scope of Nano technology in fishery.
4. Scope of Nano technology for environmental sanitation.

Yours Sincerely,

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