

**BLDE (DEEMED TO BE UNIVERSITY)**

**M.Sc. Allied Health Sciences (Medical Microbiology)**

Jay 26

[Time: 3 Hours]

[Max.Marks:80]

**VI SEMESTER**

**PAPER – I (Protozoology & Applied Microbiology)**

**QP CODE: 9086**

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

**Long Questions**

**10X3 = 30 Marks**

1. Enumerate medically important protozoas. Describe life cycle and laboratory diagnosis of *Entamoeba histolytica*.
2. Enumerate haemoflagellates. Describe life cycle and laboratory diagnosis of *Leishmania donovani*.
3. Enumerate the free living Amoebae and Describe life cycle and laboratory diagnosis of *Acanthamoeba*.

**Short Essays:**

**5 X 10 = 50 Marks**

4. Isosporiasis.
5. National Immunization schedule.
6. Toxoplasmosis
7. Bioterrorism.
8. Water testing.
9. Investigation of an infectious outbreak in hospital.
10. Recent Advances in Microbiology.
11. Hospital acquired infections.
12. Laboratory diagnosis of malaria.
13. Biomedical waste management.

Jan-26

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**VI SEMESTER**

**PAPER – II (Helminthology)**

**QP CODE: 9087**

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

**Long Questions**

**10X3 = 30 Marks**

1. List the human microfilariae. Discuss the pathogenesis and laboratory diagnosis of Wuchereria bancrofti infection.
2. Describe life cycle, pathogenesis and laboratory diagnosis of Echinococcus granulosus infection.
3. Describe life cycle, pathogenesis and Laboratory diagnosis of Ascaris lumbricoides infection.

**Short Essays:**

**5 X 10 = 50 Marks**

4. Taenia saginata
5. Cyclops
6. Human bilharziasis.
7. Trichinella spiralis.
8. Loa loa
9. Dracunculus medinensis
10. Hymenolepis nana
11. Cysticercosis
12. Faeces culture for nematode larvae
13. Larva migrans