

BLDE (DEEMED TO BE UNIVERSITY)

7/24

M.Sc. Allied Health Sciences (Medical Microbiology)

[Time: 3 Hours]

[Max.Marks:80]

IV SEMESTER

PAPER – I (Mycology & Recent Advances)

QP CODE: 9471

Your answer should be specific to the questions asked.
Write Question No. in left side of margin.

Long Questions

10X3 = 30 Marks

1. Classify fungi and their diseases. Describe the procedures involved in laboratory diagnosis of mycoses.
2. Name the sub-cutaneous fungal infections along with their etiological agent. Describe the pathogenesis and laboratory diagnosis of eumycotic mycetoma.
3. Enumerate the molecular techniques in microbiology. Describe PCR, types advantages and disadvantages of PCR

Short Essays:

5 X 10 = 50 Marks

4. Antifungal drugs
5. Rhinosporidiosis
6. Candidiasis
7. Biomedical waste management.
8. Mycotoxicosis
9. Water Testing in microbiology
10. Emerging and Reemerging microbial infections
11. Otomycosis
12. Histoplasmosis
13. Aspergillosis

04/7/24

BLDE (DEEMED TO BE UNIVERSITY)

M.Sc. Allied Health Sciences (Medical Microbiology)

[Time: 3 Hours]

[Max.Marks:80]

IV SEMESTER

PAPER – II (Parasitology)

QP CODE: 9472

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X3 = 30 Marks

1. Describe life cycle and laboratory diagnosis of Plasmodium falciparum infection. Add a note on complications Plasmodium falciparum malaria.
2. Describe life cycle, pathogenesis and laboratory diagnosis of Leishmania donovani infection.
3. Describe life cycle, pathogenesis and laboratory diagnosis of Echinococcus granulosus infection.

Short Essays:

5 X 10 = 50 Marks

4. Entamoeba histolytica
5. Pathogenesis and laboratory diagnosis of toxoplasmosis.
6. Trichuris trichura
7. Concentration techniques of stool examination for ova and cyst
8. Primary amoebic meningoencephalitis
9. Trichomonas vaginalis
10. Balantidium coli
11. Skin tests used in the detection of parasitic infection
12. Hymenolepis nana
13. Larva migrans