MSc AHS, March-2025

BLDE (DEEMED TO BE UNIVERSITY)

M.Sc. Allied Health Sciences (Medical Microbiology)

[Time: 3 Hours] **[Max.Marks:80]**

IV SEMESTER

PAPER – I (Systemic Bacteriology - I)

QP CODE: 9076

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

Long Questions **10X3 = 30 Marks**

1. Classify streptococci. Describe the pathogenicity and laboratory diagnosis of Streptococcus progenies. (2+4+4)
2. Describe the cultural characteristics, pathogenicity and laboratory diagnosis of Corynebacterium diphtheria. (2+3+5)
3. Classify Mycobacteria. Discuss the pathogenesis and laboratory diagnosis of Pulmonary Tuberculosis. Add a note on Multidrug Resistant Tuberculosis. (2+3+3+2)

Short Essays: **5 X 10 = 50 Marks**

4. Lesions produced by Staphylococcus aureus
5. Laboratory diagnosis of Gas gangrene
6. Atypical mycobacteria
7. Clostridium difficile
8. Coagulase Negative Staphylococci
9. Non gonococcal urethritis
10. Mycetoma
11. Pnemococcus
12. Laboratory diagnosis of Anthrax
13. Prophylaxis against tetanus

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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 Entamoeba histolytica. Add a note on Extraintestinal amoebiasis
2. Describe life cycle, pathogenesis and Laboratory diagnosis of Echinococcus granulosus infections.
3. Describe life cycle, laboratory diagnosis of Toxoplasma gondii. Add a note on congenital toxoplasmosis.

Short Essays: **5 X 10 = 50 Marks**

4. Giardiasis.
5. Ascariasis
6. Larva migrans
7. Primary amoebic meningoencephalitis
8. Trichuris trichura
9. Cryptosporidium parvum
10. Cysticercosis
11. Schistosomiasis
12. Enterobius vermicularis
13. Kala-azar