

July 2023,

**BLDE (DEEMED TO BE UNIVERSITY)**

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

[Time: 3 Hours]

[Max.Marks:80]

**V SEMESTER**

**PAPER – I (Virology)**

**QP CODE: 9078**

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

**Long Questions**

**10X3 = 30 Marks**

1. Classify human Herpes viruses. Discuss the pathogenesis and laboratory diagnosis of Herpes simplex virus. (2+4+4)
2. Enumerate viruses affecting liver. Describe the pathogenesis and laboratory diagnosis of Hepatitis C virus. (2+4+4)
3. Discuss the pathogenesis and laboratory diagnosis of Measles virus. Add a note on its prevention. (4+3+3)

**Short Essays:**

**5 X 10 = 50 Marks**

4. Dengue fever
5. Cultivation of viruses
6. Define window period in HIV and write its clinical significance
7. Differences between inactivated polio vaccine and oral polio vaccine
8. Covid-19 virus
9. Post exposure prophylaxis against rabies
10. Adenoviruses
11. Phage typing
12. Slow viral diseases
13. Inclusion bodies

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

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**V SEMESTER**

**PAPER – II (Mycology)**

**QP CODE: 9079**

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

**Long Questions**

**10X3 = 30 Marks**

1. Enlist opportunistic mycotic infection. Discuss the pathogenesis and laboratory diagnosis of cryptococcosis.
2. Discuss the pathogenesis and laboratory diagnosis of Mycetoma
3. Classify Dermatophytes. Discuss the pathogenesis and laboratory diagnosis of Dermatophytosis.

**Short Essays:**

**5 X 10 = 50 Marks**

4. Candidiasis
5. Piedra
6. Mucormycosis
7. Pneumocystosis
8. Classification of mycotic infections
9. Paracoccidioidomycosis
10. Sporotrichosis
11. Keratomycosis
12. Aspergillosis
13. Chromoblastomycosis