

**QP Code: MLM202**

**M.Sc. (M.L.T.) Microbiology 2<sup>nd</sup> Year**  
(BF/2023/12)  
**Mycology**

M.M.: 80

Time: 3 Hours

- Note:** 1.) ***Attempt all questions.***  
2.) **ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**  
3.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED**  
4.) **The Student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

**Section-A**

**Write about following:**

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|----|--|-----|
| 1. | Mytoxins   | [8] |
| 2. | Write a note on Dermatophytes.                   | [8] |
| 3. | Describe in brief yeast and yeast like Jungi.    | [8] |
| 4. | Pathogenesis and lag diagnosis of Aspergillosis. | [8] |
| 5. | Histoplasmosis.                                  | [8] |

**Section -B**

**Write about following:**

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|----|---|-----|
| 1. | Pneumocystis jirovecii.                                       | [8] |
| 2. | Virulence factors and pathogenesis of cryptococcal infection. | [8] |
| 3. | Immuno diagnosis of fungal infections.                        | [8] |
| 4. | Methods of fungal culture.                                    | [8] |
| 5. | Identification methods of candida species.                    | [8] |

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