



Time: 3 Hrs.

[Max. Marks : 50]

MICROBIOLOGY

QP Code: 1156

(Note : Both QP Codes 1155 and 1156 are to be answered within total duration of 3 hours)

LONG ESSAY

1 X 10 = 10 Marks

1. Discuss the laboratory diagnosis and prophylaxis of *Corynebacterium diphtheria*

SHORT ESSAY

5 X 5 = 25 Marks

2. Widal test
3. Oral thrush
4. Gas gangrene
5. Delayed hypersensitivity
6. Morphology of HIV

SHORT ANSWERS

5 X 3 = 15 Marks

7. Nagler's reaction
8. Acid fast staining
9. Lesions caused by herpes simplex virus – 1
10. Morphology of *Entamoeba histolytica*
11. *Actinomyces israelii*

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