



Time: 3 Hrs.

[Max. Marks : 35]

MICROBIOLOGY

QP Code: 1183

(Note : Both QP Codes 1182 and 1183 are to be answered within total duration of 3 hours)

LONG ESSAY

1 X 10 = 10 Marks

1. Describe the morphology, cultural characteristics, etiopathogenesis and laboratory diagnosis of Clostridium tetani

SHORT ESSAY

3 X 5 = 25 Marks

2. Type I hypersensitivity
3. Bacterial flagella
4. Laboratory diagnosis of diphtheria

SHORT ANSWERS

2 X 5 = 10 Marks

5. Cold sterilization
6. Staphylococcal food poisoning
7. Routes of transmission of HIV
8. Hepatitis B vaccine
9. Neat labeled diagram of IgA.

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