



R-1563-64-65

Second Year M. B. B. S. Examination

February – 2010

Microbiology Theory : Paper - I

Time : Hours]

[Total Marks : 40

Instructions :

(1)

नीचे दृशविवेक निशान्चीवाणी विगतो उत्तरवडी पर अवश्य लखवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="S. Y. M. B. B. S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Microbiology Theory - 1"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="5"/> <input type="text" value="6"/> <input type="text" value="3"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....): <input type="text" value="Nil"/>	

(2) Draw diagram wherever necessary.

(3) The marks to the right are full marks.

1 Write notes on : (any two) 8

- Environmental factors affecting growth of bacteria.
- Sterilization techniques for heat sensitive equipments/ materials.
- Routes of transmission of infection.

2 Write notes on : 5

- Contributions of Louis Pasture.
- Episomes.

3 Write notes on : (any two) 8

- Immunoflourescence test
- Immunological and biological activities of complement.
- Null cells.

- 4 Write notes on : 5
- (a) Differences between primary and secondary immune response.
 - (b) Tuberculin type of delayed hypersensitivity.
- 5 Write notes on : (any two) 8
- (a) Discuss the pathogenecity of *Ankylostoma duodenale*.
 - (b) Extra intestinal amoebiasis
 - (c) Life cycle of *Dracunculus medinensis*.
- 6 Write notes on : 6
- (a) Loeffler's syndrome
 - (b) NIH swab.
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