



SA-1564

Second Year M. B. B. S. Examination

February / March – 2011

Microbiology : Paper - II

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="SECOND YEAR M. B. B. S."/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="MICROBIOLOGY : PAPER - 2"/>	<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="4"/>	Section No. (1, 2,.....): <input type="text" value="Nil"/>
Student's Signature	

(2) Draw figures where **necessary**.

- 1 Discuss in detail : (any **two**) 8
  - (a) Pathogenesis and carrier stage of Salmonella infection.
  - (b) Antigenic classification of Vibrio.
  - (c) Cultivation of *C. diphtheriae*.
- 2 Write notes on : (any **three**) 12
  - (a) Pathogenesis and laboratory diagnosis of pulmonary tuberculosis
  - (b) Toxins produced by *Staphylococcus aureus*
  - (c) Biochemical reactions of *Proteus mirabilis*
  - (d) Morphology of Spirochaetes producing human diseases.
- 3 Write notes on : (any **two**) 8
  - (a) Tissue culture techniques
  - (b) Structure and classification of Myxoviruses
  - (c) Antigens of HIV virus.
- 4 Write notes on : (any **four**) 12
  - (a) Laboratory diagnosis of a systemic fungal infection
  - (b) Superficial mycosis
  - (c) Germ tube test
  - (d) Pathogenesis of *Candida albicans*
  - (e) KOH scrapping.