



AB-3139
B.Sc. (Sem. V) (Microbiology) Examination
March/April – 2015
MB - 15 : Medical Microbiology

Time : 2 Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दृष्टावेक निशानीवाणी विगतो उत्तरवडी पर अवश्य दजवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : B.SC. (SEM. V) (MICROBIOLOGY)</p> <p>Name of the Subject : MB - 15 : MEDICAL MICROBIOLOGY</p> <p>Subject Code No. : 3 1 3 9 Section No. (1, 2,.....): NIL</p>	<p>Seat No. : <input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/><input type="text"/></p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; margin-top: 20px;">Student's Signature</div>
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(2) Figures to the right indicate full marks of the question.

(3) Draw neat and labelled diagrams whenever necessary.

1 Give specific answers : 12

- (a) Enlist four pathogens for malaria.
- (b) Name the serotypes and biotypes for *Vibrio cholera*.
- (c) What do you mean by nocturnal periodicity? Name the organisms showing it.
- (d) State properties of *Mycobacterium tuberculosis* that contribute its Pathogenicity.
- (e) Write lab diagnosis and treatment for Typhoid fever.
- (f) State causative agent of Tetanus disease. Name the toxins produced by it.

2 Explain/comment on any two of the following : 12

- (a) Plague has different modes of transmission.
- (b) Hepatitis B: Causative agent, transmission, pathogenesis, symptoms and treatment.
- (c) Streptococcal pneumonia is an opportunistic infection.

- 3** Discuss any two of the following. **16**
- (a) Write in detail on: "AIDS".
 - (b) Discuss causative agent, transmission, pathogenesis, diagnosis and treatment of Bacillary dysentery.
 - (c) Give detailed account on Influenza with reference to epidemiology, pathogenicity and treatment.
- 4** Write short notes on any two of the following : **10**
- (a) Polio
 - (b) Staphylococcal skin infection
 - (c) Life cycle: Malarial parasites.
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