



AD-3236

B. Sc. (Microbiology) (Sem. VI) Examination
March/April – 2015

MB - 21 : Clinical Microbiology & Epidemiology

Time : Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दशांश देव निशानीवाणी विगतो उत्तरवही पर अवश्य कपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. SC. (MICROBIOLOGY) (SEM. VI)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="MB - 21 : CLINICAL MICROBIOLOGY & EPIDEMIOLOGY"/>	<input type="text"/>
Subject Code No. : <input type="text" value="3"/> <input type="text" value="2"/> <input type="text" value="3"/> <input type="text" value="6"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	<input type="text"/>
	Student's Signature

(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) Differentiate Synthetics and Semi synthetics drugs.
- (b) Enlist any four ideal characteristics of chemotherapeutic agents.
- (c) Define and differentiate: Sign and Symptoms.
- (d) What is autogenous infection?
- (e) Give full form of TBA and PYR.
- (f) Write the name of biochemical test that diagnose UTI.

2 Explain/comment on any two of the following 12

- (a) Hospital epidemiologist has to provide important services to control nosocomial infections.
- (b) Blood for culture must be collected & dispersed with great care to avoid contaminations.
- (c) It is important to examine uncentrifuged urine.

- 3** Discuss any **two** of the following. **16**
- (a) Describe antibacterial agents that inhibit cell wall synthesis.
 - (b) Enlist pathogens found in the CSF and write in detail on its laboratory examinations.
 - (c) Discuss laboratory examination and antimicrobial sensitivity of throat & mouth specimen.
- 4** Write short notes on any **two** of the following. **10**
- (a) Chemotherapeutic agents and chemotherapy.
 - (b) Testing urine for HCG
 - (c) Epidemic V/S Infectious disease in a population.
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