



**DRR-3236**

**B. Sc. (Microbiology) (Sem. VI) Examination**

**March / April - 2016**

**MB-21 : Clinical Microbiology & Epidemiology**

Time : Hours]

[Total Marks : 50

Instructions :

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
☛ B. Sc. (Microbiology) (Sem. VI)	<input type="text"/>
Name of the Subject :	<input type="text"/>
☛ MB-21 : Clinical Microbiology & Epidemiology	<input type="text"/>
☛ Subject Code No. : <input type="text"/> 3 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 6	<input type="text"/>
☛ Section No. (1, 2,...): <input type="text"/> Nil	<input type="text"/>
	Student's Signature

- (2) Figures to the right side indicate full marks of the question.  
(3) Draw neat and labelled diagrams whenever necessary.

1 Give specific answers : 12

- (1) Define and differentiate : Vehicle and Vector.
- (2) Write name of two enrichment media for *Vibrio cholera*.
- (3) What is diphasic blood culture media ? State its significance.
- (4) Give full form of PABA and THFA.
- (5) Define : spectrum of actions for drugs.
- (6) Name causative agent and vector for Lyme disease.

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

- (1) Antibiotics in general are very less effective against Viral infections.
- (2) Blood agar medium is used for different diseases diagnosis.
- (3) Laboratory examination of Semen.

- 3 Attempt any two of the following: 16
- (1) Describe Antibacterial drugs that act as Antimetabolites and Inhibit nucleic acid synthesis.
  - (2) Discuss laboratory and culturing for Faecal specimen.
  - (3) Give detail on infectious disease cycle.
- 4 Write short notes on any two of the following : 10
- (1) Urine : Cast and Crystals.
  - (2) Transmission of drug resistance.
  - (3) Cell count for C.S.F.
-