



DG-3190
Third Year B. Sc. (Sem. V) (Med. Tech.)
Examination
March/April – 2016
MT - 11 : Medical Microbiology - I

Time : Hours]

[Total Marks : 50

Instructions :

(1)

<p>नीचे दृशायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.</p> <p>Name of the Examination : T. Y. B. SC. (SEM. 5) (MED. TECH.)</p> <p>Name of the Subject : MT - 11 : MEDICAL MICROBIOLOGY - 1</p> <p>Subject Code No. : 3 1 9 0 Section No. (1, 2,.....): Nil</p>	<p>Seat No. : □ □ □ □ □ □ □ □</p> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; text-align: center; width: 100%;">Student's Signature</div>
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- (2) Figures to the right indicate full marks.
(3) Draw labelled diagrams wherever necessary.

- Q-1 Answer the following briefly. 10.
- Define therapeutic index
 - Give the contribution of Paul Ehrlich.
 - Enlist the causative viruses of Hepatitis
 - What is MDR-TB
 - Enlist the adhesins which enables the pathogen to attach the host cells.
- Q-2 Comment/Explain the following (any two). 12.
- Several drugs acts by antagonizing or blocking the metabolic pathwa ys
 - Transmission plays a key role in the spread of infectious diseases.
 - Epidemiology is a multifaceted science that investigate diseases.
- Q-3 Discuss in detail the causative agent, occurrence, pathogenesis, symptoms, \ Laboratory diagnosis, prevention and treatment of Bacterial food poisoning 14.
- Q-4 Write notes on any two. 14.
- Antigenic variation in flu virus
 - Semisynthetic penicillins
 - Emerging and reemerging diseases