



N-2006000102020002

Second Year M. B. B. S. Examination

June / July - 2021

Microbiology : Paper - II

**(Systemic Bacteriology, Virology, Mycology
& Clinical Microbiology)**

Time : 2 Hours]

[Total Marks : 40

Instructions :

(1)

નીચે દર્શાવેલ નિશાનીવાળી વિગતો ઉત્તરપત્રી પર અવશ્ય લખવી. Fillup strictly the details of signs on your answer book. Name of the Examination : Second Year M. B. B. S. Name of the Subject : Microbio.-II (Sys. Bacterio., Viro., Myco.& Cli. Micro.) Section No. (1, 2,...): 1&2 Subject Code No. : 2 0 0 6 0 0 0 1 0 2 0 2 0 0 0 2		Seat No. : <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>						
		Student's Signature						

- (2) Attempt to the point.
 (3) Draw a diagram whenever necessary.

SECTION - I

- 1 Long question 8

Classify Hepatitis viruses. Describe the laboratory diagnosis of infections caused by Hepatitis B virus.

OR

Discuss the morphology, modes of transmission and the pathogenesis of HIV infections.

- 2 Write notes on (any THREE) 12

- (a) Serotypes of various Chlamydia and name the diseases produced by them.
 (b) Laboratory diagnosis of syphilis.
 (c) Laboratory diagnosis of urinary tract infection.
 (d) Laboratory diagnosis of cholera.

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[Contd...

SECTION - II

- 3** Write notes on (any TWO): **10**
- (a) Laboratory diagnosis of fungal infections.
 - (b) Mycetoma
 - (c) Dermatophytes
- 4** Write in short (1-2 Sentences): **10**
- (a) Name 2 most common organisms causing traveller's diarrhea.
 - (b) Modes of transmission of healthcare associated infection.
 - (c) Name 2 tick borne Arboviruses.
 - (d) Who discovered Mycobacterium tuberculosis and Mycobacterium leprae.
 - (e) Name 2 selective media used for Salmonella typhi.
 - (f) Satellitism
 - (g) Write 2 Differences between C. Diphtheriae and Diphtheroid. (h) Give examples of sexual spore.
 - (i) Names of opportunistic fungi.
 - (j) Schedule for pre exposure and post exposure rabies vaccination.
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