


B-4010
Second Year M. B. B. S. Examination

June / July - 2017

Paper - II : Microbiology
(Systemic Bacteriology, Virology, Mycology & Clinical Microbiology)

Time : 2 Hours]

[Total Marks : 40

Instructions : (1)

૧. આ પાના પર જવાબ લખવાની જગ્યા ઉપર ચિહ્ન કરવાનું છે. Fill up strictly the details of signs on your answer book.		Seat No. :
Name of the Examination : Second Year M. B. B. S.		
Name of the Subject : Paper - II : Microbio. (Sys. Bacterio, Viro, Myco. & Clin. Micro.)		
Subject Code No. : 4 0 1 0	Section No. (1, 2, ...) : 1&2	

- (2) Answer to the point.
- (3) Draw diagram wherever necessary.

SECTION - I

- 1 Define significant bacteriuria. Describe diagnosis of UTI caused by E.coli. 8

OR

- 1 Describe pathogenesis and laboratory diagnosis of syphilis. 8
- 2 Write short notes on : (any three) 12
 - (a) Inclusion bodies.
 - (b) Vaccines of rabies.
 - (c) Laboratory diagnosis of Hepatitis B.
 - (d) Opportunistic infections and malignancies associated with HIV infection.

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[Contd...



SECTION - II

- 3 Write notes on : (any two) 10
- (a) Dermatomycetes
 - (b) Candidiasis
 - (c) Mycetoma.
- 4 Write in shorts : (1-2 sentences) 10
- (a) Name the most common Streptococcus species causing neonatal sepsis.
 - (b) Which bacterium cause antibiotic associated diarrhea ?
 - (c) Enumerate fungi causing systemic mycoses ?
 - (d) What is stormy fermentation ?
 - (e) What is M' fayedean's reaction ?
 - (f) Name the bacteria causing plague ? What is it's characteristics morphology ?
 - (g) Four differences between classical and El Tor Vibrio.
 - (h) Name the diseases caused by Varicella Zoster virus ?
 - (i) Enumerate four DNA viruses.
 - (j) What is prion ? Name two diseases caused by prions.

