

**M. SC. (Microbiology) SEM-IV (C.B.C.S.) (2012 COURSE) :
SUMMER - 2019**

SUBJECT :MEDICAL MICROBIOLOGY

Day : Thursday
Date : 25/04/2019

S-2019-1225

Time : 03.00 PM TO 06.00 PM
Max. Marks :60

N. B. :

- 1) All the questions are **COMPULSORY**.
 - 2) Figures to be right indicate **FULL** marks.
 - 3) Draw neat and labeled diagrams **WHEREVER** necessary.
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Q.1 Give causative agent, laboratory diagnosis, clinical features and treatment of Tuberculosis. (15)

OR

Explain Systemic Candidiasis with respect to symptoms, laboratory diagnosis and treatment.

Q.2 a) Describe how *Staphylococcus* is involved in nosocomial infections. (08)

b) Explain symptoms of Hepatitis caused by Hepatitis B virus. (07)

Q.3 Answer the following questions any **THREE**: (15)

- a) Write a note on Amoebiasis.
- b) What are the clinical features of Aspergillosis?
- c) Explain the prophylaxis and treatment of Cholera.
- d) Explain any two microbial invasion factors.
- e) Write in brief prevention of surgical wound infections.

Q.4 Write short notes on any **THREE**: (15)

- a) Vesicular eruptions
- b) Quorum sensing
- c) Infective Endocarditis
- d) Pyrexia
- e) Sepsis

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