

M. D. (Microbiology) : SUMMER - 2019
PAPER - II
SUBJECT : SYSTEMIC BACTERIOLOGY & MYCOLOGY

Day : Monday
Date : 03/06/2019

S-2019-3826

Time : 2.00 P.M. TO 5.00 P.M
Max. Marks : 100

N.B. :

- 1) Question **No. 1** and **No. 2** are **COMPULSORY**. Write **ANY SEVEN** out of the remaining **EIGHT** questions.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat labelled diagrams **WHEREVER** necessary.
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- Q.1** List the bacteria causing Meningitis. Describe in detail pathogenesis, clinical features, complications and lab diagnosis of Meningococcal Meningitis. (15)
- Q.2** Define mycetoma. Enumerate types of mycetoma and their causative agents. Write in detail the laboratory diagnosis of eumycotic infections (15)
- Q.3** Describe the pathogenesis and lab diagnosis of *Corynebacterium diphtheriae*. (10)
- Q.4** Classify non-sporing anaerobes. Give an account of lesions caused by them and their lab diagnosis. (10)
- Q.5** Write briefly on 'HACEK' organisms. (10)
- Q.6** Write about lab diagnosis of MDR tuberculosis. (10)
- Q.7** Describe common Spirochete infections in India. (10)
- Q.8** Describe food poisoning in marriages and its diagnosis including source. (10)
- Q.9** Describe Mucormycosis and write down laboratory diagnosis. (10)
- Q.10** Describe Mycotoxins, including historical perspective. (10)

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