

M.Sc.(Microbiology) (CBCS Pattern) Fourth Semester CBCS
PSMBT-13-PAPER - I : Medical Microbiology And Parasitology (MMP)
(MB4-T013)

P. Pages : 1

Time : Three Hours



GUG/W/18/11408

Max. Marks : 80

Notes : 1. All questions are compulsory and carry equal marks.

1. Define infection? Describe in detail infection process. 16

OR

 - a) Write note on establishment of causative agent of disease. 8
 - b) Write note on control of communicable diseases. 8
2. Explain in detail collection of Drive and isolation, identification of pathogenic bacteria from urine sample. 16

OR

 - a) Explain Pathogenesis and laboratory diagnosis of Corynebacterium diphtheriae. 8
 - b) Explain antigenic structure of Diplococcus Pneumoniae. 8
3. Describe in detail morphology cultural characters, Pathogenesis and Laboratory diagnosis of Cryptococcus neoformans. 16

OR

 - a) Write a note on morphology and cultural characters of Blastomyces dermatitidis. 8
 - b) Explain pathogenesis and laboratory diagnosis of Sporotrichum schenckii. 8
4. Explain in detail life cycle of leishmania donovani and pathogenesis of the same. 16

OR

 - a) Explain life cycle of Schistosoma heematobium. 8
 - b) Explain pathogenesis of Trypanosoma Gombiense. 8
5. Write notes on 16
 - a) Bacteremia.
 - b) Throat swab collection.
 - c) Laboratory diagnosis of Candida albicans.
 - d) Pathogenesis of Leishmania donovani.
