

M.Sc. (Microbiology) (CBCS Pattern) Semester-IV
PSMBT-13 - Paper-IV : Medical Microbiology and Parasitology

P. Pages : 1

Time : Three Hours



GUG/S/25/11408

Max. Marks : 80

1. Explain in detail about normal flora human body, skin, eyes and mouth. 16

OR

Write notes on

- a) Control of communicable diseases. 8
- b) Bacteremia and Septicemia. 8

2. Write in details about study of pathogenic bacteria *Streptococcus pyogenes*. 16

OR

Write notes on

- a) Collection, isolation and identification of bacteria from Blood. 8
- b) Collection, isolation and identification of bacteria urine. 8

3. Write about Morphology cultural characters, pathogenesis and Laboratory diagnosis of *Candida albicans*. 16

OR

Write notes on

- a) Laboratory diagnosis of *Histoplasma capsulatum*. 8
- b) Pathogenesis of *Blastomyces dermatitidis*. 8

4. Write in detail about study of *E. histolytica* 16

OR

Write notes on

- a) Pathogenesis of *Plasmodium vivax*. 8
- b) Laboratory diagnosis of *Wuchereria bancrofti*. 8

5. Write short notes on
- a) Pyaemia 4
- b) Cultural characteristics of *Diplococcus pneumoniae*. 4
- c) Morphology of *Histoplasma capsulatum* 4
- d) Morphology of *Taenia solium*. 4
