

[LC 540]

FEBRUARY 2013

Sub. Code : 4061

SECOND M.B.B.S. DEGREE EXAMINATION
Paper I – GENERAL MICROBIOLOGY, IMMUNOLOGY
AND SYSTEMIC BACTERIOLOGY
Q. P. Code : 524061

Time : 180 Minutes

Maximum: 100 Marks

Answer ALL questions.

Draw Suitable diagrams wherever necessary

I. Elaborate on:**(2 x 15 = 30)**

1. Write in detail about the physiology of bacteria.
2. Name the bacterial agents causing sexually transmitted diseases.
Write the pathogenesis and laboratory diagnosis of syphilis.

II. Write notes on :**(10 x 5 = 50)**

1. Monoclonal antibodies.
2. Passive agglutination test.
3. Tumour antigens.
4. Western blot test.
5. Herd immunity.
6. Group B streptococci.
7. Anaerobic vaginosis.
8. Melioidosis.
9. Non agglutinating vibrios.
10. Legionellosis.

III. Short Answers on:**(10 x 2 = 20)**

1. Name two selective media.
2. Give two examples for precipitation tests.
3. Name two bacterial live attenuated vaccines.
4. Name two bacteria having peritrichate flagella.
5. Name two bacteria producing exotoxins.
6. Name two bacteria transmitted through rodents.
7. Name two specimens from sterile sites.
8. Define plasmids.
9. Metchnikoff.
10. Name two tests to assess the function of phagocyte.
