

506-A

M.B.B.S. DEGREE EXAMINATION – JANUARY, 2013
SECOND M.B.B.S. EXAMINATION
MICROBIOLOGY
(BACTERIOLOGY & IMMUNOLOGY)
PAPER-I

Time : 2 Hours

Max. Marks: 40

Answer all questions

1. Describe the virulence factors of *Neisseria gonorrhoeae* with the help of a diagram. Describe the laboratory diagnosis of gonorrhea. Add a note on the chemotherapy of the condition.

4+3+3=10

WRITE SHORT NOTES ON:

5X4=20

2. Immunoglobulin A
3. Enrichment media
4. The Lectin pathway of complement activation
5. Enteropathogenic *Escherichia coli*
6. *Bartonella quintana*

WRITE BRIEFLY ON:

5X2=10

7. Superantigens
8. *Treponema Pallidum* hemagglutination test
9. Tumor necrosis factor
10. Cold agglutination test
11. Anaphylaxis reaction

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