

Second Year MBBS Examination

II MBBS Microbiology Paper 1

Time: 2 hours

Date:

01-02-2016

Max Marks: 40

Instructions:

- . Answer to the points.
- . Figure to the right indicates marks.
- . Use separate answer books for each section.
- . Draw diagrams wherever necessary.
- . Write legibly.

Section 1

- . Multiple Choice Questions: (8)
 - a. Which is a Eukaryote a
(a)Bacteria(B)Mycoplasma (C)Fungi (d) Protozoa
 - b. Binary (secondary) exposure to an antigen results in sudden increase in A) IgA B)IgD C) IgG
D)IgM
 - c. Atopy is mediated by -A) IgA B)IgE C) IgG

D)IgM

- d. The string of pearl colonies on nutrient agar is produced by -A. Klebsiella B.Proteus C.Bacillus D.Salmonella
- e. Reiters syndrome is due to A) Neisseria B)Mycoplasma ETE Chlamydia D)Borellia
- f. Eaton agent is -A)Klebsiella B)Haemophilus C) Mycoplasma D) Corynebacterium
- g. Botulinum affects all EXCEPT A)Neuromuscular junction B)CNS © Post ganglionic nerves(D) Preganglionic junction
- h. Vaccines, are sterilized by -A)Seitz filtration.B) Hot air oven C)Heat inactivation d) Autoclaving

Section 2

- . Write short notes on: (any two) (10)
 - a. Laboratory Diagnosis of Enteric fever.
 - b. Immunology of malignancy.
 - c. Multidrug Resistance.
- . Write short answers on: (any two) (6)
 - a. Enumerate bacteria producing pigments.
 - b. Draw and label classical complement pathway.
 - c. Write mechanism of autoimmune disease
- . Write short notes on: (any two) (10)
 - a. Enzyme Immuno Assays

- b. Chemical disinfectants
- c. Laboratory diagnosis of meningococcal meningitis
- . Write short answers on: (any two) (6)
 - a. Give differences: -between-Osi and EL Tor *Vibrio cholerae*,
 - b. Write the Principle of phase Contrast Microscope and its use
 - c. Give differences between agglutination and Precipitation,

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