

PAPER CODE: 01203B
SECOND M.B.B.S, (Old) Examination, Summer - 2021
MICROBIOLOGY-II

Total Duration: Section A+B+C = 2 Hours

Section B & C Marks: 32

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Instructions:

- 1) Use blue/black ballpoint pen only.
- 2) Do not write anything on the question paper. Any such action will be considered an attempt to resort to unfair means.
- 3) All questions are compulsory.
- 4) The number to the right indicates full marks.
- 5) Draw diagrams wherever necessary.
- 6) Distribution of syllabus in Question Paper is only meant to cover the entire syllabus within the stipulated frame. The Question paper pattern is a mere guideline. Questions can be asked from any part of the syllabus in any question paper. Students cannot claim consideration otherwise.
- 7) Use a common answer book for section B & C.

SECTION B SAQ (20 Marks)

2) Short answer question (Answer any five out of six) [5X4=20]

- a) Write a short note on Rhinosporidiosis.

- b) Write in brief about non-albicans candida.
- c) Write a short note on cell lines for viral isolation.
- d) Write in brief about laboratory diagnosis of HIV infection.
- e) Pathogenicity of Plasmodium falciparum.
- f) Write briefly about precipitation reactions and its uses.

SECTION C LAQ (12 Marks)

3) Long answer question (Answer any two out of three) [2X6=12]

- a) Describe the life cycle, pathogenesis and disease caused by Echinococcus granulosus.
- b) Define Autoimmunity. Describe the mechanisms involved in Autoimmunity. Classify Autoimmune diseases with examples.
- c) Classify viruses according to presence of nucleic acid, morphology and laboratory diagnosis of influenza virus.
