

MBBS 2nd PROFESSIONAL EXAMINATION, 2020

MICROBIOLOGY

2017 Batch

ANGED PAPER I

Time Allowed: Three Hours

2018012019 Maximum Marks- 40

Note:- Attempt all questions in serial order. All parts of a question should be answered together.
Figures in parenthesis indicate marks allotted to a question.

- Q1.** Define sterilization, disinfection and antisepsis. Name various agents used for sterilization and discuss role of autoclave in sterilization. (5)
- Q2.** Define agglutination and discuss principle and applications of agglutination reactions giving suitable examples. (5)
- Q3.** Name various determinants of pathogenicity of *Streptococcus pyogenes* and discuss each of these in brief. (5)
- Q4.** Discuss various mechanisms by which *Escherichia coli* causes diarrhea. (5)
- Q5.** Discuss briefly various opportunistic infections, which can occur during the course of HIV infection. (5)
- Q6.** Cryptococcosis. (5)
- Q7.** Discuss in brief the bacteriological examination of water. (5)
- Q8.** Write in brief morphology, pathogenesis and laboratory diagnosis of *Entamoeba histolytica*. (5)
