

U.G. 5th Semester Examination - 2020**Microbiology****[HONOURS]****Course Code : MB(H)/CC-11/PR****[PRACTICAL]****(Medical Microbiology)**

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

1. What is Phenol coefficient? Briefly describe the basic principle and procedure of it. 2+8=10

or

What is MIC? Briefly describe the basic principle and procedure of antibacterial sensitivity test by agar cup method. 2+8=10

2. Briefly describe the morphological characteristics of the following microorganisms. $2\frac{1}{2} \times 4 = 10$

i) *Bacillus subtilis*ii) *Staphylococcus aureus*iii) *Escherichia coli*iv) *Pseudomonas aeruginosa*

or

Why is EMB Agar medium considered as selective? How do the compositions make it selective? Mention the use of McConkey agar medium. Name the common medium used for human pathogenic fungi isolation. 3+3+2+2=10
