

PARUL INSTITUTE OF NURSING, LIMDA, VADODARA.

FIRST YEAR B.Sc NURSING

1<sup>st</sup> INTERNAL EXAM- JAN 2020

MICROBIOLOGY

Total Marks = 25

INSTRUCTIONS: The answers should be specific to the question asked. Draw neat labeled diagrams whenever necessary.

**Q-1: LONG ESSAYS. (Any One)**

1x10=10

1. Define Sterilization and Disinfection. Describe sterilization by moist heat in detail. (2+8)
2. What is HICC? Mention important members and function of HICC. Enlist the common Hospital acquired infections. How to prevent HAI? (1+4+5)

**Q-2: SHORT ESSAYS. (Any three)**

3x5= 15

1. Enumerate any 10 difference between prokaryote and Eukaryote.
2. Enumerate any 10 difference between cell wall of Gram positive and Gram negative bacteria.
3. Hot air oven.
4. What is stain? Describe various types of staining techniques. Enumerate Gram staining techniques in detail.
5. Describe various phases of Bacterial growth curve. Enumerate various factors affecting to the Bacterial growth.

**Q-3SHORTANSWERS**

2X6=12

1. Write four applications of Microbiology in the field of Nursing.
2. What is CAI and HAI?
3. Define the need of culture media.
4. Explain four flame method of culture.
5. Importance of Bacterial cell wall.
6. Koch's Postulates. |