

**THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY**

**[BSCN 1023]**

**OCTOBER 2023  
(AUGUST 2023 EXAM SESSION)**

**Sub. Code: 4705**

**B.Sc. (Nursing) DEGREE EXAMINATION  
(Regulations for the candidates admitted from 2006-07 onwards)**

**FIRST YEAR  
PAPER V – MICROBIOLOGY**

***Q.P. Code: 664705***

**Time: Three Hours**

**Maximum : 75 Marks**

**I. Elaborate on:** **(2 x 15 = 30)**

1. Write in detail about Hospital Acquired Infection and method of its prevention.
2. Draw and explain complete life cycle of Entamoeba histolytica. Write down its pathogenicity and laboratory diagnosis.

**II. Write notes on:** **(5 x 5 = 25)**

1. Joseph Lister.
2. Bacterial capsule.
3. Define Incineration with examples.
4. Aspergillus fumigatus.
5. VDRL Test.

**III. Short answers on:** **(10 x 2 = 20)**

1. What are the functions of the structure Pili in bacteria
2. Mention two uses of Inspissation.
3. Negative staining.
4. Mention four mode of Transmission of Infection.
5. Write about Hanging drop method.
6. Define Immunity.
7. Write about Simple Microscope.
8. DPT.
9. Define Hospital Acquired Infection.
10. Demonstrate the steps in Hand washing.

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