

[LO 1014]

FEBRUARY 2019

Sub. Code: 4705

**B.Sc. (Nursing) DEGREE EXAMINATION**  
(New 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. Describe the morphology, staining, pathogenesis and lab diagnosis of *Mycobacterium tuberculosis*.
2. Classify bacteria and add a note on the factors affecting bacterial growth.

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

1. Robert Koch and his postulates.
2. Life cycle of Malarial parasite.
3. Selective media.
4. VDRL test.
5. Anaphylaxis.

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

1. Carrier.
2. Ig G antibody.
3. Give the color coding for disposal of Biomedical wastes in hospital.
4. Cross infection.
5. Mention four Modes of transmission of infection.
6. Pulse polio program.
7. Tyndallization.
8. Name two antifungal drugs.
9. Negative staining.
10. Name two fungi causing systemic infection.

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