

**MICROBIOLOGY**

**Time: 3 Hours**

**Max Marks: 75**

**Note:** Answer all questions

Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark

Color pencil

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**Write an essay on any TWO of the following:**

**2 X 15 = 30**

1. Explain the life cycle of malarial parasite in human and describe its clinical importance.
2. Explain in detail about size, structure and classification of bacteria.
3. Write detailed note on bio-medical waste management and role of nurse in prevention of infection.

**Write short notes on any FIVE of the following:**

**5 X 5 = 25**

4. Hanging drop technique.
5. Influenza Virus.
6. Histoplasmosis.
7. Surgical Site Infection.
8. Widal Test.
9. Types of Hand washing.
10. Spaulding's classification.

**Write briefly on the following:**

**10 X 2 = 20**

11. Write a note on ideal disinfectant.
12. Immunology.
13. Rodents and vectors.
14. Electro-Immunodiffusion.
15. Hepatitis A Virus.
16. List out health care associated infection.
17. Write a short note on criteria for the rejection of specimen.
18. Types of antibiotic resistance.
19. Iatrogenic wounds.
20. Define HAZMAT Hazards.

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