

Time: Three Hours

Max. Marks: 75 Marks

MICROBIOLOGY
(RS-3 & RS-4)

Q.P. CODE: 1735

Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two)

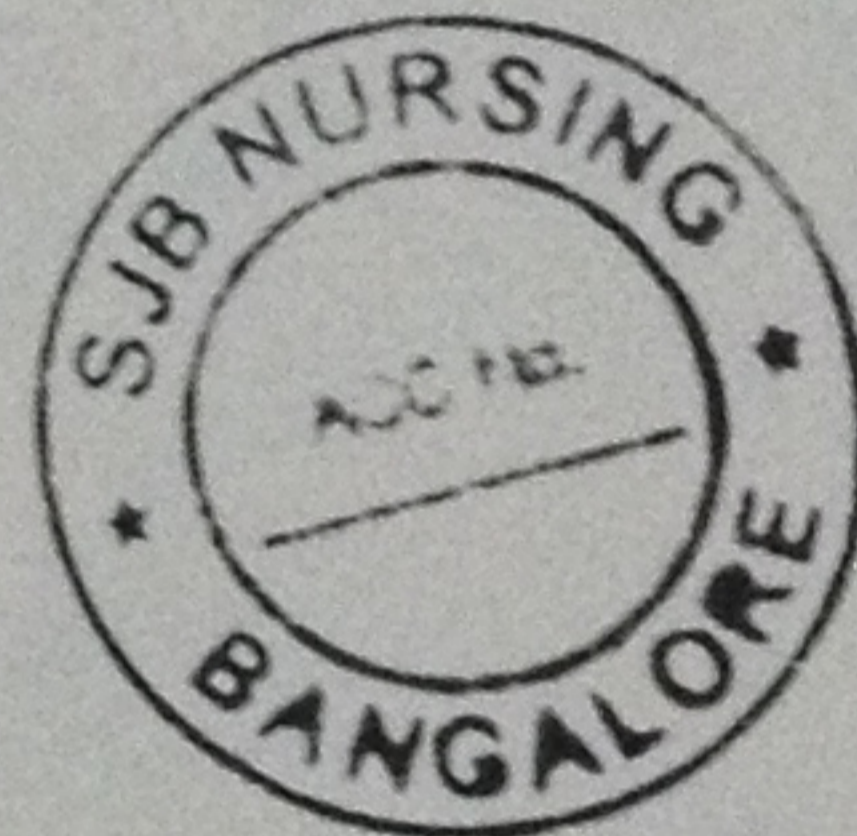
2 x 10 = 20 Marks

1. Classify immunity. Describe innate immunity.
2. Classify hepatitis viruses. Describe the pathogenecity and laboratory diagnosis of Hepatitis B virus.
3. List the malarial parasites. Describe the life cycle and laboratory diagnosis of P.falciparum.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Cell mediated immunity
5. Blood culture
6. Widal test
7. Bacterial toxin
8. Laboratory diagnosis of post streptococcal sequelae
9. Bacterial growth curve
10. Anaphylaxis
11. Laboratory diagnosis of fungal infections
12. Propriety axis in Rabies



SHORT ANSWERS

10 x 2 = 20 Marks

13. Name 2 methods of pasteurization.
14. Name 2 bacteria causing wound infection.
15. Hapten
16. Name the hospital infectious diseases.
17. Name 2 methods for cultivation of viruses.
18. Draw a neat and labeled diagram of IgG.
19. Draw a neat and labeled diagram of A lumbricoides ova.
20. Name 2 opportunistic fungal infections.
21. Name 2 protozoal parasites causing diarrhea.
22. Name the different genera of dermatophytes.
