



MICROBIOLOGY (RS-3 & RS-4)

Q.P. Code : 2709

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

(Note : Both QP Codes 2708 and 2709 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One)

1 x 10 = 10 Marks

1. Draw a neat, labeled diagram of bacterial cell. Write in detail about flagella
2. Enumerate organisms causing diarrhea. Write in detail about laboratory diagnosis of Cholera

SHORT ESSAYS (Answer any Three)

3 x 5 = 15 Marks

3. Polio vaccines
4. Laboratory diagnosis of Anthrax
5. Hepatitis B virus - laboratory diagnosis and prophylaxis

SHORT ANSWERS

5 x 3 = 15 Marks

7. Name two lactose fermenting and two non lactose fermenting organisms
8. Pasteurization
9. Inclusion bodies
10. Window period
11. Name four atypical Mycobacteria