

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary with Black Ball point pen /HB pencil /any dark Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Classify Sterilization methods. Explain in detail about any three methods.
2. What are Vaccines? Mention types of vaccines and role of vaccines in the prevention of diseases.
3. Define Infection and explain in detail about spread and transmission of infection and preventive measures of infection.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Biomedical waste management.
5. Methicillin Resistant Staphylococcus Aureus (MRSA).
6. Ventilator associated pneumonia.
7. Quality control and its importance.
8. Prevention of Hepatitis B.
9. Antibiotic drug resistance.

Write briefly on the following:

10 X 3 = 30

10. Define Bacteraemia & Septicaemia.
11. Sources of hospital acquired infections.
12. Anaphylaxis.
13. Louis Pasteur.
14. Common viral infections.
15. Give two examples of cocci in pairs and cocci in clusters.
16. Tuberculosis – laboratory diagnosis.
17. Any three zoonotic diseases.
18. Prevention of HIV.
19. Universal precautions.