

CRITICAL CARE TECHNOLOGY

PAPER-II

MICROBIOLOGY

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever necessary.

Write an essay on any TWO of the following questions:

2 X 10 = 20

1. Define Bacteria, classification of Bacteria and explain the causes of Gram-negative Bacilli.
2. What is Hospital Acquired infection? Discuss measures for prevention of UTI.
3. Write briefly about the occupational Hazard to the Health care personnel.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Define Antibiotics, mechanism of Antibiotic Resistance.
5. Ziehl Neelsen staining.
6. Anaerobic culture media.
7. Cold chain.
8. Personal protective Equipment.
9. Dengue.

Write briefly on the following:

10 X 3 = 30

10. Hanging Drop method.
11. Name four types of Diarrhoea caused by E-coli.
12. Define CRBSI.
13. Incineration.
14. Enumerate Blood Borne viruses.
15. Hand wash Technique.
16. Name two high level disinfections.
17. Injection safety.
18. What is three bucket system of surface cleaning?
19. Colour coded waste containers.
