

COURSE CODE-4031011
DIPLOMA EXAMINATION – JAN 2009
DMLT
MICROBIOLOGY AND SEROLOGY

(For Candidate Admitted from Calendar 2007 Onwards)

Time: 3 Hours

Max.Marks:75

Section-A

Answer all the Questions

15 X 1 = 15

1. Pathogenictiy
2. Blood specimen
3. Pasteurization
4. Tyndalization
5. Phenol coefficient test
6. Define virulence
7. Give a example of anaerobic medium
8. Mycetoma
9. Amoebic dysentery
10. Prion
11. Capsid
12. write example of cell culture
13. Serological reaction
14. TPHA
15. HBS Ag

Section-B

Answer any Five Questions

5 X 6 = 30

16. a. Briefly explain the roll of medical microbiology

(Or)

b. Explain the quality control of disinfections

17. a. Give a notes on lab diagnosis of infectious agents

(Or)

b. Describe the pathogenictiy and lab diagnosis of Nematode

18. a Briefly explain the lab diagnosis of flagellates

(Or)

b. Explain the chick embryo culture

19. a. Briefly explain the animal inoculation

(Or)

b. Explain the properties of DNA viruses

20. a. Explain the serological reaction

(Or)

b. write the principle and procedure of ASO Test

Section- C

Answer any Two Questions

2 X 15 =30

21. What is sterilization? Describe various methods of sterilizations
22. Explain the basic procedures of diagnostic microbiology
23. Give a elaborate notes on antimicrobial susceptibility test
24. Explain the cultivation of viruses
25. Give a short notes on
 - a. VDRL Test
 - b. CRP test
 - c. Widal test