

MICROBIOLOGY-II

Time: 3 Hours

Max Marks: 80

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write an essay on any TWO of the following:

2 X 10 = 20

1. Name Hepatitis virus. describe the morphology, pathogenicity and lab diagnosis of Hepatitis B virus.
2. Classify fungi with examples for each. Give lab diagnosis of Cryptococcal meningitis.
3. Enumerate cestodes pathogenic to man. Discuss the morphology, life cycle, lab diagnosis of Echinococcus granulosus.

Write a short note on any SIX of the following:

6 X 5 = 30

4. Rota virus.
5. Lab diagnosis of fungal infections.
6. Microfilariae.
7. Lesions produced by Herpes simplex virus.
8. Complications of Ascaris.
9. Lab diagnosis of Rabies.
10. Opportunistic fungi.
11. Candidiasis.

Write briefly on the following:

10 X 3 = 30

12. Embryonated egg.
13. MMR vaccine.
14. Cyclops.
15. Bile stained eggs.
16. Name arboviruses seen in India.
17. Antigenic shift and drift.
18. Swine flu.
19. Sabouraud's Dextrose agar.
20. Inclusion bodies.
21. Name three dermatophytes.
