



[Time: 3 Hours]

[Max. Marks : 100]

PATHOLOGY & MICROBIOLOGY (RS2 & RS3)

QP Code: 1426

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Explain the relation and importance of General Pathology to Homoeopathy?
2. Explain morphology, life cycle and pathogenesis of *Ascaris lumbricoides*?

SHORT ESSAY (Answer any ten of the following)

10 X 5 = 50 Marks

3. Explain Metastatic calcification.
4. Explain pathological changes in Chronic Hepatitis.
5. Describe stages of lobar pneumonia
6. TB meningitis pathological changes and CSF findings.
7. Anaerobic culture methods – gaspak method
8. Gas gangrene pathogenesis
9. Pathogenesis *Vibrio Cholera*.
10. Classify viruses with examples.
11. Mechanism of Oncogenesis by DNA virus.
12. Structure of hydatid cyst
13. Explain erythrocytic schizogony of *plasmodium malariae*
14. Differences between transudate and exudate.

SHORT ANSWERS

10 X 3 = 30 Marks

15. Morphology of *Trichuris trichura*.
16. Pathological causes of Atrophy.
17. Haematogenous route of metastasis.
18. Hypostatic Pneumonia.
19. Simple media.
20. Fate of tubercle.
21. Anchovy sauce pus.
22. Classification of bacteria – based on gas requirements
23. Morphology of *Staphylococci*.
24. Granulation tissue define

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