



[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. Define ischemia. Describe the aetiology, factors determining the severity of ischaemic injury
2. Describe the morphology, pathogenesis and laboratory diagnosis of cholera vibrio

SHORT ESSAY (Answer any ten of the following)

10 X 5 = 50 Marks

3. Describe healing by first intention
4. Haemolytic jaundice
5. What are the hazards of blood transfusion?
6. Define Neoplasia. Describe cytomorphology of neoplastic cell
7. Widal test - Principle, procedure of test
8. Polio virus – pathogenesis, clinical features
9. Ulcerative colitis – pathologic changes
10. Amoebic liver abscess
11. Toxins of staphylococcus
12. Life cycle of enterobius vermicularis
13. Influenza virus – Antigenic structure, pathogenesis
14. Caisson's disease – pathogenesis, effects

SHORT ANSWERS

10 X 3 = 30 Marks

15. Fate of thrombus
16. Difference between Transudate and Exudate
17. Transport media
18. Albumin test of urine
19. Giant cells
20. Nematode – Define with examples
21. Granuloma – Define with examples
22. Filariasis
23. Atrophy – causes
24. Hydatid cyst – structure

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