PATHOLOGY

PAPER - III

Time : 3 hours
Max. Marks : 100

Important instructions:
- Attempt all questions in order.
- Each question carries 10 marks.
- Read the question carefully and answer to the point neatly and legibly.
- Do not leave any blank pages between two answers.
- Indicate the question number correctly for the answer in the margin space.
- Answer all the parts of a single question together.
- Start the answer to a question on a fresh page or leave adequate space between two answers.
- Draw table/diagrams/flowcharts wherever appropriate.

Write short notes on:

1. Role of cytology in the evaluation of lung neoplasms. 10
2. a) Laboratory evaluation of osteoporosis 5+5
b) Serum free light chain assay
3. Pathogenesis and significance of dyslipidemia. 6+4
4. a) Laboratory evaluation of complications of diabetes mellitus 5+5
b) Techniques for HPV Testing
5. Discuss differential diagnosis of mediastinal masses. Describe their cytological features. 3+7
6. a) Use of reagent strips in urine examination 5+5
b) Quality control in cytology laboratory
7. a) Semen analysis 5+5
b) Pitfalls in diagnosis of HSIL on PAP smear
8. Discuss the tests for diagnosis and monitoring of patients with HIV infection. 5+5
9. a) Laboratory diagnosis of obstructive jaundice. 5+5
b) Automated ESR
10. a) Laboratory diagnosis of dengue 5+5
b) Laboratory approach for investigating a patient with recurrent abortions.