

TUBERCULOSIS & RESPIRATORY DISEASES/PULMONARY MEDICINE

PAPER – III

RPD/APRIL/16/42/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. a) Enumerate newer diagnostic techniques for tuberculosis. 2+8
b) Mention the relative merits and demerits of each of these techniques.
2. a) Enumerate side effects of commonly used anti-tuberculosis drugs. 3+7
b) Need for routine monitoring and management of these side effects.
3. a) What is overlap syndrome? 2+(4+4)
b) Principles of its diagnosis and management.
4. a) Mention the methods of weaning from mechanical ventilation. 2+8
b) Outline the procedure, advantages and disadvantage of each method.
5. a) Various types (levels) of polysomnographic evaluation. 4+6
b) Merits and demerits of each method.
6. a) Commonly encountered problems during administration of non-invasive ventilation. 5+5
b) Methods of trouble shooting.
7. Impact of HIV on tuberculosis with respect to susceptibility, reactivation of latent TB, clinical manifestations and drug resistance. 2+2+3+3
8. a) Parasomnia 5+5
b) Narcolepsy
9. a) Oxygen toxicity 5+5
b) Barotraumas
10. Role of surgery in the management of pleura-pulmonary tuberculosis. 10
