

RESPIRATORY DISEASES
PAPER – IIITime : 3 hours
Max. Marks : 100

RPD/D/17/D/42/III

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) Definition of obstructive sleep apnea (OSA). 2+3+5
b) Risk factors for OSA.
c) Clinical presentation of OSA.
2. a) Positive airway pressure therapies in OSA. 6+4
b) Intraoral devices in OSA.
3. a) Definition of obesity hypoventilation syndrome (OHS) 2+3+5
b) Diagnosis of OHS.
c) Treatment of OHS.
4. a) Definition of Acute Respiratory Distress syndrome (ARDS). 2+5+3
b) Low tidal volume ventilation strategy in ARDS.
c) Prone positioning in ARDS.
5. a) Indications for long-term oxygen therapy. 6+4
b) Indications for oxygen therapy in air travel.
6. a) Indicators of potential difficult airway. 5+5
b) Extraglottic airway devices.
7. a) Pressure support ventilation. 3+3+4
b) Causes of weaning failure.
c) Complications of mechanical ventilation.

P.T.O.**-1-**POSSESSION/USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE
EXAMINATION HALL.

**RESPIRATORY DISEASES****PAPER – III**

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| 8. | a) Natural history of TB infection. | 4+4+2 |
| | b) Atypical chest radiograph patterns in tuberculosis. | |
| | c) Fluorochrome based acid-fast staining of mycobacteria | |
| 9. | a) Diagnosis of latent TB infection (LTBI) | 4+2+4 |
| | b) Decision to treat LTBI | |
| | c) Treatment of LTBI | |
| 10. | a) Clinical presentation of Non tuberculosis mycobacteria infection | 6+4 |
| | b) Treatment of pulmonary M.avium complex. | |

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