

RESPIRATORY MEDICINE**PAPER-IV**Time: 3 hours
Max. Marks:100

RPD/D/20/42/IV

Important Instructions:

- **You are provided with 5 answer sheet booklets. Each individual answer sheet booklet consists of 10 pages excluding the covering jackets.**
- **Answers to all the questions must be attempted within these 5 answer sheet booklets which must be later tagged together at the end of the exam.**
- **No additional supplementary answer sheet booklet will be provided.**
- *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) Techniques of lung transplantation. 5+5
b) Complications of lung transplantation.
2. a) Oxygen therapy. 5+5
b) Cryotherapy.
3. a) Pulmonary rehabilitation. 5+5
b) ECMO.
4. a) Liquid biopsy for lung cancer. 5+5
b) Bronchoscopy techniques in management of chronic obstructive airway disease.
5. a) Medical thoracoscopy. 5+5
b) Virtual bronchoscopy.
6. a) Pre-operative pulmonary evaluation. 5+5
b) Drug induced ILD.
7. a) Management of ARDS in viral pneumonia. 5+5
b) Role of biomarkers in pneumonia.
8. a) Vaccines in COPD. 5+5
b) Vaccine in Covid-19.
9. a) Newer TB medications-bedaquiline and delamanid. 5+5
b) Current regime for DRTB.
10. a) Sleep disordered breathing. 5+5
b) Near fatal asthma.
