

# National Board of Examinations

**Question Paper Name :** Diploma Tuberculosis and Chest Disease Paper1  
**Subject Name :** Diploma Tuberculosis and Chest Disease Paper1  
**Duration :** 182  
**Total Marks :** 100  
**Display Marks:** No

**Maximum Instruction Time :** 0  
**Is Section Default? :** No

**Question Number : 1 Question Id : 32718745733 Consider As Subjective : Yes**

**Please write your answers in the answer booklet within the allotted pages as follows:-**

Question Number	Answer to be attempted within	Question Number	Answer to be attempted within
Q. 1	Page 1-5	Q. 6	Page 26-30
Q. 2	Page 6-10	Q. 7	Page 31-35
Q. 3	Page 11-15	Q. 8	Page 36-40
Q. 4	Page 16-20	Q. 9	Page 41-45
Q. 5	Page 21-25	Q. 10	Page 46-50

1. a) Surfactant protein B. [5]
- b) Chemoreceptors. [5]

**Question Number : 2 Question Id : 32718745734 Consider As Subjective : Yes**

- a) Starling resistor model of pulmonary circulation. [5]
- b) Respiratory contribution to acid base balance. [5]

**Question Number : 3 Question Id : 32718745735 Consider As Subjective : Yes**

- a) Primary ciliary dyskinesia. [5]
- b) Phrenic nerve. [5]

**Question Number : 4 Question Id : 32718745736 Consider As Subjective : Yes**

- a) Lung volumes and capacities. [5]
- b) Interpretation of spirometry. [5]

**Question Number : 5 Question Id : 32718745737 Consider As Subjective : Yes**

- a) Whole genome sequencing. [5]
- b) Post primary tuberculosis. [5]

**Question Number : 6 Question Id : 32718745738 Consider As Subjective : Yes**

- a) Respiratory distress index. [5]
- b) Congenital central hypoventilation syndrome. [5]

**Question Number : 7 Question Id : 32718745739 Consider As Subjective : Yes**

- a) Adaptive immune responses in lung. [5]
- b) Pulmonary rehabilitation. [5]

**Question Number : 8 Question Id : 32718745740 Consider As Subjective : Yes**

- a) Dupilumab. [5]
- b) Principle of inhalational therapy. [5]

**Question Number : 9 Question Id : 32718745741 Consider As Subjective : Yes**

- a) Line probe assay. [5]
- b) Cord factor. [5]

**Question Number : 10 Question Id : 32718745742 Consider As Subjective : Yes**

- a) Clinical presentation and management of lobar agenesis. [5]
- b) V/Q mismatch [5]