

# National Board of Examinations

## Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

|  |   |
|--|---|
| <b>Question Paper Name :</b>                   | Diploma Tuberculosis and Chest Disease Paper1 |
| <b>Subject Name :</b>                          | Diploma Tuberculosis and Chest Disease Paper1 |
| <b>Creation Date :</b>                         | 2024-06-15 20:32:40                           |
| <b>Duration :</b>                              | 180   |
| <b>Total Marks :</b>                           | 100   |
| <b>Display Marks:</b>                          | No  |
| <b>Share Answer Key With Delivery Engine :</b> | No  |
| <b>Actual Answer Key :</b>                     | No  |
| <b>Change Font Color :</b>                     | No  |
| <b>Change Background Color :</b>               | No  |
| <b>Change Theme :</b>                          | No  |
| <b>Help Button :</b>                           | No  |
| <b>Show Reports :</b>                          | No  |
| <b>Show Progress Bar :</b>                     | No  |

## Diploma Tuberculosis and Chest Disease Paper1

|                                 |            |
|---------------------------------|------------|
| <b>Group Number :</b>           | 1          |
| <b>Group Id :</b>               | 3271872679 |
| <b>Group Maximum Duration :</b> | 0          |
| <b>Group Minimum Duration :</b> | 180        |
| <b>Show Attended Group? :</b>   | No         |
| <b>Edit Attended Group? :</b>   | No         |
| <b>Break time :</b>             | 0          |
| <b>Group Marks :</b>            | 100        |

## Diploma Tuberculosis and Chest Disease Paper1

|                         |            |
|-------------------------|------------|
| <b>Section Id :</b>     | 3271872682 |
| <b>Section Number :</b> | 1          |
| <b>Section type :</b>   | Offline    |

|  |            |
|--|------------|
| <b>Mandatory or Optional :</b>               | Mandatory  |
| <b>Number of Questions :</b>                 | 10         |
| <b>Number of Questions to be attempted :</b> | 10         |
| <b>Section Marks :</b>                       | 100        |
| <b>Maximum Instruction Time :</b>            | 0          |
| <b>Sub-Section Number :</b>                  | 1          |
| <b>Sub-Section Id :</b>                      | 3271872686 |
| <b>Question Shuffling Allowed :</b>          | No         |

**Question Number : 1 Question Id : 32718727494 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

**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) Recurrent laryngeal nerve. [5]
- b) Pleural fluid adenosine deaminase. [5]

**Question Number : 2 Question Id : 32718727495 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Anatomy of right bronchial tree. [5]
- b) Pneumocytes. [5]

**Question Number : 3 Question Id : 32718727496 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Alveolar air equation. [5]
- b) Measurement of Functional Residual Capacity. [5]

**Question Number : 4 Question Id : 32718727497 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Distribution of ventilation and perfusion in normal lung. [5]
- b) Factors affecting gaseous diffusion in the lung. [5]

**Question Number : 5 Question Id : 32718727498 Question Type : SUBJECTIVE Consider As**

**Subjective : Yes**

**Correct Marks : 10**

- a)  $\alpha$ 1-Antitrypsin. [5]
- b) Trajectories of lung function: Development and aging. [5]

**Question Number : 6 Question Id : 32718727499 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Dry powder inhaler devices. [5]
- b) Restrictive Ventilatory Defects. [5]

**Question Number : 7 Question Id : 32718727500 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Chest X-ray Lordotic View. [5]
- b) Local anaesthesia for flexible bronchoscopy. [5]

**Question Number : 8 Question Id : 32718727501 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) GOLD Grade and Severity of airway obstruction in COPD. [5]
- b) Orthodeoxia. [5]

**Question Number : 9 Question Id : 32718727502 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) Hypertrophic Osteoarthropathy. [5]
- b) Yellow Nail Syndrome. [5]

**Question Number : 10 Question Id : 32718727503 Question Type : SUBJECTIVE Consider As Subjective : Yes**

**Correct Marks : 10**

- a) COPD with preserved ratio but impaired spirometry. [5]
- b) *Interferon- $\gamma$*  release assays (IGRAs). [5]