

National Board of Examinations

Question Paper Name :	Diploma Tuberculosis and Chest Disease Paper3
Subject Name :	Diploma Tuberculosis and Chest Disease Paper3
Duration :	182
Total Marks :	100
Display Marks:	No
Maximum Instruction Time :	0
Is Section Default? :	No

Question Number : 1 Question Id : 32718748597 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. Management of hospital acquired pneumonia. [10]

Question Number : 2 Question Id : 32718748598 Consider As Subjective : Yes

- a) Lung transplant listing and referral criteria in COPD patients. [5]
b) ECMO. [5]

Question Number : 3 Question Id : 32718748599 Consider As Subjective : Yes

- a) Impulse oscillometry. [5]
b) FeNO. [5]

Question Number : 4 Question Id : 32718748600 Consider As Subjective : Yes

- a) Immune therapy for lung cancers. [5]
b) Briefly describe the mutations of clinical interest for non-small cell lung cancer. [5]

Question Number : 5 Question Id : 32718748601 Consider As Subjective : Yes

- a) Risk stratification of pulmonary embolism. [5]
b) Describe the diagnosis and management of acute pulmonary thrombo-embolism with shock. [5]

Question Number : 6 Question Id : 32718748602 Consider As Subjective : Yes

- a) Spontaneous awakening trial (SAT) and spontaneous breathing trials in respiratory ICU (SBT). [5]
b) Assessment of brain death in ICU setting. [5]

Question Number : 7 Question Id : 32718748603 Consider As Subjective : Yes

- a) Risk stratification of a solitary peripheral pulmonary nodule. [5]
- b) Recent advances and modalities available for sampling a peripheral pulmonary nodule. [5]

Question Number : 8 Question Id : 32718748604 Consider As Subjective : Yes

- a) Write a note on bedside bronchoscopic procedures in respiratory ICU and its precautions. How does this vary from routine bronchoscopy? [6]
- b) Strategies for the prevention of nosocomial pneumonia. [4]

Question Number : 9 Question Id : 32718748605 Consider As Subjective : Yes

- a) Vaccination in patients with chronic respiratory disorders. [5]
- b) Write a detailed description of their mechanisms and their role. [5]

Question Number : 10 Question Id : 32718748606 Consider As Subjective : Yes

- a) Indications for admission in respiratory intensive care unit in a patient of acute exacerbation of COPD. [5]
- b) Modes of non-invasive ventilation. [5]