

National Board of Examinations

Question Paper Name : DNB Respiratory Medicine Paper1
Subject Name : DNB Respiratory Medicine Paper1
Duration : 180
Total Marks : 100
Display Marks: No

Maximum Instruction Time : 0

Question Number : 1 Question Id : 32718736965 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) Bronchopulmonary segments of human lung. [5]
b) Role of intercostal muscles. [5]

Question Number : 2 Question Id : 32718736966 Consider As Subjective : Yes

- a) Development of the airways and blood vessels. [5]
b) Airway wall structure at the three principal levels. [5]

Question Number : 3 Question Id : 32718736967 Consider As Subjective : Yes

- a) Pneumocytes. [5]
b) Alveolar macrophages. [5]

Question Number : 4 Question Id : 32718736968 Consider As Subjective : Yes

- a) Ultrastructure of a cilium with diagram. [5]
b) Mucociliary escalator. [5]

Question Number : 5 Question Id : 32718736969 Consider As Subjective : Yes

- a) Bronchial mucus. [5]
- b) Standard deviation. [5]

Question Number : 6 Question Id : 32718736970 Consider As Subjective : Yes

Describe the causes of Ventilation-Perfusion (V_A/Q) mismatch and its effects. [10]

Question Number : 7 Question Id : 32718736971 Consider As Subjective : Yes

- a) Alveolar air equation. [5]
- b) Measurement of residual volume (RV). [5]

Question Number : 8 Question Id : 32718736972 Consider As Subjective : Yes

- a) Measurement of physiological shunt. [5]
- b) Causes of hypoxaemia. [5]

Question Number : 9 Question Id : 32718736973 Consider As Subjective : Yes

- a) Factors affecting diffusion of gases from alveolus to pulmonary circulation. [5]
- b) Diffusing capacity for carbon monoxide (DLCO). [5]

Question Number : 10 Question Id : 32718736974 Consider As Subjective : Yes

- a) Cross-sectional study. [5]
- b) Case-control study. [5]