

National Board of Examinations

Question Paper Name :	DNB Respiratory Medicine Paper1
Subject Name :	DNB Respiratory Medicine Paper1
Creation Date :	2024-10-17 16:12:11
Duration :	180
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Share Answer Key With Delivery Engine :	No
Actual Answer Key :	No

DNB Respiratory Medicine Paper1

Group Number :	1
Group Id :	3271872862
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

DNB Respiratory Medicine Paper1

Section Id :	3271872865
Section Number :	1
Section type :	Offline
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	100
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	3271872869
Question Shuffling Allowed :	No

Question Number : 1 Question Id : 32718729904 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) Anatomy of secondary pulmonary lobule. [5]
b) Discuss structure, innervation and action of diaphragm. [1+2+2]

Question Number : 2 Question Id : 32718729905 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Definition and types of pulmonary sequestration. [2+3]
b) Tracheo-esophageal fistula (TEF): Types and clinical features. [3+2]

Question Number : 3 Question Id : 32718729906 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

Discuss anatomy and physiology of the ventilatory control system. [5+5]

Question Number : 4 Question Id : 32718729907 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Slow vital capacity. [5]
b) Interpretation of Spirometry in obstructive and restrictive lung disease. [5]

Question Number : 5 Question Id : 32718729908 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Null hypothesis. [5]
b) Types of studies in clinical research. [5]

Question Number : 6 Question Id : 32718729909 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Flail chest. [5]
b) Azygos fissure. [5]

Question Number : 7 Question Id : 32718729910 Question Type : SUBJECTIVE Consider As

Subjective : Yes

Correct Marks : 10

- a) Diffusion capacity of carbon monoxide (DLCO). [5]
- b) Oxygen dissociation curve. [5]

Question Number : 8 Question Id : 32718729911 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) The Starling Resistor Model of the pulmonary circulation. [5]
- b) Mucociliary clearance mechanism. [5]

Question Number : 9 Question Id : 32718729912 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Respiratory acidosis. [5]
- b) Role of macrophages in the lung. [5]

Question Number : 10 Question Id : 32718729913 Question Type : SUBJECTIVE Consider As Subjective : Yes

Correct Marks : 10

- a) Phases in clinical trials. [5]
- b) Measure of central tendency and dispersion in data analysis. [5]