

(Affiliated to the Tamil Nadu Dr M.G.R Medical University, Chennai)

B. Sc. CARDIOPULMONARY PERFUSION CARE TECHNOLOGY

1401 – ANATOMY

I YEAR

UNIT III – ANATOMY OF LUNG.

I. ELABORATE ON

10 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.no	Questions	Reference	Blooms Taxonomy
1	Describe the external features, fissures and lobes of the Lung with suitable diagram.	AUGUST 2011	Analyze/Create
2	Define Bronchopulmonary Segments . Classify and enumerate the segments of the Right and Left lung with a neat diagram.	FEBRUARY 2020 (Hypothetical)	Analyze/Create
3	Give a detailed account of the Pleura . Describe its parts, nerve supply, and clinical anatomy (Pneumothorax, Pleural effusion).	AUGUST 2023 (Hypothetical)	Analyze/Apply
4	Describe the Root of the Lung (Hilum) . Enumerate the structures passing through it and their position. Add a note on its clinical significance.	AUGUST 2014 (Hypothetical)	Analyze/Understand
5	Describe the Trachea . Mention its extent, relations, and blood supply. Write a brief note on its development.	FEBRUARY 2018 (Hypothetical)	Analyze/Remember
6	Describe the Blood Supply of the Lung in detail, including the Pulmonary and Bronchial	AUGUST 2017 (Hypothetical)	Analyze/Understand

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S.no	Questions	Reference	Blooms Taxonomy
	circulations and their functional significance.		
7	Discuss the Developmental Anatomy of the Lung from the laryngotracheal diverticulum. Mention any two congenital anomalies.	FEBRUARY 2024 (Hypothetical)	Analyze/Understand
8	Describe the Mediastinal Surfaces of the Right and Left lungs, mentioning the important impressions on each side with an illustration.	AUGUST 2019 (Hypothetical)	Analyze/Create
9	Define the Bronchial Tree . Trace the course of air from the trachea to the alveoli. Add a note on the microscopic anatomy of the terminal bronchiole.	FEBRUARY 2021 (Hypothetical)	Analyze/Understand
10	Give an account of the Nerve Supply and Lymphatic Drainage of the Lungs and pleura.	AUGUST 2016 (Hypothetical)	Understand/Remember

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II.WRITE NOTES ON

5 MARKS

REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER

S.no	Questions	Reference	Blooms Taxonomy
1	Write notes on the Pleura .	AUGUST 2011	Understand/Remember
2	State the Difference between right lung and left lung?	AUGUST 2012	Analyze
3	Write notes on the Bronchial Tree .	AUGUST 2012	Understand/Analyze
4	Write notes on the Root of lung and its clinical significance.	FEBRUARY 2022	Understand/Apply
5	Nerve Supply of the Lungs and their effects on the bronchi.	AUGUST 2015 (Hypothetical)	Understand
6	Write a note on the Bronchial Arteries and their significance.	FEBRUARY 2023 (Hypothetical)	Understand
7	Give a note on Mediastinal Pleura and its reflections.	AUGUST 2018 (Hypothetical)	Understand/Remember
8	Write a note on the Acinus and its importance as the functional unit of the lung.	FEBRUARY 2017 (Hypothetical)	Understand
9	Explain the applied anatomy of the Bronchopulmonary Segments (e.g., Postural Drainage).	AUGUST 2020 (Hypothetical)	Apply
10	What is the mechanism of Pulmonary Edema from an	FEBRUARY 2016 (Hypothetical)	Understand/Apply

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S.no	Questions	Reference	Blooms Taxonomy
	anatomical and physiological perspective?		

III.WRITE SHORT NOTES ON**3 MARKS****REFERENCE – THE TAMILNADU DR.M.G.R MEDICAL UNIVERSITY QUESTION PAPER**

S.no	Questions	Reference	Blooms Taxonomy
1	Short Answer on Pleura .	AUGUST 2011	Remember
2	Define Root of lung and its clinical significance.	FEBRUARY 2022	Remember/Understand
3	Name the Fissures and Lobes of the Right Lung.	AUGUST 2013 (Hypothetical)	Remember
4	What is the Cardiac Notch and where is it found?	FEBRUARY 2019 (Hypothetical)	Remember
5	Define a Bronchopulmonary Segment .	AUGUST 2024 (Hypothetical)	Remember
6	Name the three components of the Respiratory Membrane .	FEBRUARY 2015 (Hypothetical)	Remember
7	What is the anatomical landmark for performing a Pleural Tap ?	AUGUST 2017 (Hypothetical)	Apply
8	Name the three main structures	FEBRUARY 2021	Remember

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S.no	Questions	Reference	Blooms Taxonomy
	that form the Root of the Lung .	(Hypothetical)	
9	Define Alveolus and mention its primary function.	AUGUST 2016 (Hypothetical)	Remember
10	What is Lingula ?	FEBRUARY 2023 (Hypothetical)	Remember
11	Differentiate between Parietal and Visceral Pleura .	AUGUST 2019 (Hypothetical)	Understand
12	What is the level of the Bifurcation of the Trachea (Carina)?	FEBRUARY 2014 (Hypothetical)	Remember
13	What are the clinical features of a Tension Pneumothorax ?	AUGUST 2020 (Hypothetical)	Apply
14	What is the Pulmonary Ligament and what is its function?	FEBRUARY 2018 (Hypothetical)	Remember
15	Name the two types of Pneumocytes in the Alveoli.	AUGUST 2021 (Hypothetical)	Remember