



SUBJECT CODE AND NAME: 1131 – BASIC SCIENCES – ANATOMY

UNIT 4: CARDIOVASCULAR AND EXCRETORY SYSTEM

Reference: The Tamilnadu Dr.M.G.R Medical University Pervious Year Question Papers

I. Elaborate On:

10 marks

S.No	Questions	Reference	Bloom's Taxonomy
1	Explain the events of Cardiac cycle.	(Aug 2015, Feb 2016)	Analyze
2	Explain in detail about the Chambers of the Heart.	(Aug 2019)	Analyze
3	Explain in detail about Cardiac Cycle.	(Mar 2021)	Analyze
4	Draw a neat diagram of a Kidney and Explain in detail about the structure of the kidney.	(Mar 2021)	Analyze
5	Define cardiac output. Explain the factors regulating cardiac output.	(Nov 2022)	Analyze
6	Describe the Anatomical position, External features and Chambers of the Heart in detail with suitable diagram.	(Nov 2023)	Analyze
7	Define Cardiac Output. Discuss in detail about the various factors affecting it.	(Nov 2023)	Analyze
8	Describe the arch of aorta under the following headings: Extent, Relations, Branches and microscopic anatomy.	(Aug 2016)	Analyze
9	Describe in detail the mechanism of regulation of blood pH.	(Nov 2022)	Analyze

II. Write notes on:

5 marks

S.No	Questions	Reference	Bloom's Taxonomy
1	Pericardium.	(Aug 2015, Feb 2016, Feb 2020)	Understand
2	Auscultatory Areas.	(Feb 2020)	Understand
3	Valves of the Heart.	(Feb 2020)	Understand
4	Origin, course and Branches of Right coronary artery.	(Aug 2016)	Understand
5	Male urethra.	(Mar 2021)	Understand
6	Anatomy of ureter.	(Apr 2022, Apr 2024)	Understand
7	Structure and functions of Kidney.	(Nov 2022)	Understand
8	Chambers of the Heart.	(Apr 2023)	Understand
9	Structure of Kidney.	(Nov 2023)	Understand
10	Urinary Bladder.	(Feb 2020)	Understand
11	Waves in ECG.	(Nov 2022)	Understand
12	Composition of Blood.	(Mar 2021)	Understand
13	Cardiopulmonary Resuscitation.	(Nov 2022)	Understand



III. Write a short note on:

3 marks

S.No	Questions	Reference	Bloom's Taxonomy
1	Auscultatory areas.	(Aug 2015, Apr 2024)	Remember
2	Situation, Blood Supply and Nerve supply of Heart.	(Feb 2016)	Remember
3	Tributaries of coronary sinus.	(Aug 2016, Apr 2022, Apr 2024)	Remember
4	Valves of the heart.	(Aug 2016)	Remember
5	Draw and Label the diagram of Nephron.	(Feb 2020)	Understand
6	Blood supply of the Heart.	(Mar 2021)	Remember
7	Waves of Electro cardiogram.	(Mar 2021)	Understand
8	Glomerular Filtration Rate.	(Mar 2021)	Understand
9	Anatomy of Urinary Bladder.	(Apr 2023)	Understand
10	Normal urinary output.	(Apr 2023)	Remember
11	Electro Cardiogram (ECG).	(Apr 2023)	Understand
12	Name the Renal Function test.	(Apr 2024)	Remember
13	Heart Sounds.	(Apr 2023)	Remember
14	Define blood pressure.	(Nov 2022)	Remember
15	Erythrocyte Sedimentation Rate.	(Nov 2023)	Understand
16	Cyanosis.	(Apr 2022)	Understand
17	Functions of Hemoglobin.	(Nov 2022)	Understand
18	Pleura.	(Nov 2022)	Understand
19	Carcinogenic agents.	(Nov 2022)	Remember
20	Functions of Calcium.	(Feb 2020, Nov 2023)	Understand