



SNS COLLEGE OF ALLIED HEALTH SCIENCES COIMBATORE –35
(Affiliated to the Tamil Nadu Dr M.G.R Medical University, Chennai)
B. Sc. RADIOGRAPHY AND IMAGING TECHNOLOGY
2024 BATCH
INTERNAL EXAMINATION – I
(18.12.2024)



PAPER I – HUMAN ANATOMY, PHYSIOLOGY & PATHOLOGY
RELEVANT TO RADIOLOGY

QP. Code : 801841

Year: First Year

Time: 2 hours

Maximum: 50 marks

Answer all the questions

I. Elaborate on

2 x 10 = 20

1. Draw the C/S of Heart. Describe the conducting system of heart with cardiac cycle.
2. Describe the structure and functions of a cell.

II. Write notes on

3 x 5 = 15

1. Cardiac Muscles.
2. Anatomical planes of the body.
3. Describe Anaemia under the following headings:
A. Definition B. Classification C. Pathophysiology of Iron Deficiency Anaemia.

III. Short answers on

5 x 3 = 15

1. Cardiopulmonary resuscitation.
2. What is Postero-Anterior view in radiology?
3. Surface Anatomy of heart.
4. Types of tumor.
5. **ONE MARK COMPETITIVE QUESTIONS:**

A) QUESTION : How many chambers does the human heart contain?(NEET 2023)
OPTIONS: (a) 2 (b) 3 (c) 4 (d) 5

B) QUESTION :The most abundant elements in a living cell are:(AIIMS 2022)
OPTIONS: (a) Carbon, Oxygen, Sulphur, Phosphorus
(b) Carbon, Oxygen, Nitrogen, Sulphur
(c) Carbon, Oxygen, Hydrogen, Nitrogen
(d) Carbon, Oxygen, Hydrogen, Phosphorus
(e) Carbon, Oxygen, Hydrogen, Nitrogen

C) QUESTION :Which of the following tissues in plants provides mechanical support and is composed of dead cells? (JIPMER 2021)
OPTIONS:(a) Parenchyma (b) Collenchyma (c) Sclerenchyma (d) Meristem

