



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 – II

(16.09.2025)

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

QP. Code : 801841

Year: First Year

Time: 3 hours

Maximum: 100 marks

Answer all the questions

I. Elaborate on

3 x 10 = 30

1. Classification of joints. Describe in detail about synovial joint.
2. Describe structure of the pituitary gland, hormones secreted by the anterior pituitary and their functions.
3. Draw the neuromuscular junction and write the sequence of events in the neuromuscular junction.

II. Write notes on

8 x 5 = 40

1. Time for ovulation.
2. Describe Cerebellum.
3. Name the parts of Female Reproductive system and their functions.
4. Exocrine glands in the skin.
5. Structure and functions of middle ear.
6. Phases of Menstrual cycle.
7. Lobes of cerebrum.
8. Functions of CSF.

III. Short answers on

10 x 3 = 30

1. Function of thyroid hormone.
2. Methods of contraception.
3. Types of fractures.
4. What are Axial and Appendicular skeleton?
5. What are the Intercostal Muscles?
6. Olfactory pathway
7. Parts of male urethra
8. Name the cranial nerves.
9. Dwarfism
10. **One-Mark Competitive Exam Questions**

A) Question: Which hormone is primarily responsible for the development of secondary sexual characteristics in males?

Options: (a) Estrogen (b) Progesterone (c) Testosterone (d) Inhibin
(NEET 2023)

B) Question: Which type of joint allows for the widest range of motion and is found in the shoulder?

Options: (a) Hinge joint (b) Pivot joint (c) Ball-and-socket joint (d) Gliding joint
(AIIMS 2022)

C) Question: Which part of the brain is responsible for coordinating voluntary muscle movements?

Options: (a) Cerebellum (b) Cerebrum (c) Medulla oblongata (d) Hypothalamus
(JIPMER 2021)