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# PRESIDENCY UNIVERSITY

## BENGALURU

### Mid - Term Examinations – October 2025

**Date:** 30-10-2025

**Time:** 02.30Pm to 04.00Pm

<b>School:</b> SAHS	<b>Program:</b> BSc. Cardiac Care Technology	
<b>Course Code:</b> CCT1101	<b>Course Name:</b> Human Anatomy and Physiology – I	
<b>Semester:</b> I	<b>Max Marks:</b> 50	<b>Weightage:</b> 25%

<b>CO - Levels</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>	<b>CO5</b>
<b>Marks</b>	<b>28</b>	<b>N/A</b>	<b>42</b>		

**Instructions:**

- (i) *Read all questions carefully and answer accordingly.*
- (ii) *Do not write anything on the question paper other than roll number.*

### Part A

**Answer ALL the Questions. Each question carries 2 marks.**

**10Q x 2M=20M**

<b>1</b>	Define pleura.	<b>2 Marks</b>	<b>L1</b>	<b>CO1</b>
<b>2</b>	Name the bones of the lower limbs.	<b>2 Marks</b>	<b>L1</b>	<b>CO1</b>
<b>3</b>	Differentiate between parietal pleura and visceral pleura.	<b>2 Marks</b>	<b>L1</b>	<b>CO1</b>
<b>4</b>	Define superior and inferior.	<b>2 Marks</b>	<b>L1</b>	<b>CO1</b>
<b>5</b>	Define mediastinum.	<b>2 Marks</b>	<b>L1</b>	<b>CO3</b>
<b>6</b>	List the names of the upper limb bones.	<b>2 Marks</b>	<b>L1</b>	<b>CO1</b>
<b>7</b>	What are the lobes of the right and left lungs?	<b>2 Marks</b>	<b>L1</b>	<b>CO1</b>
<b>8</b>	Define trachea.	<b>2 Marks</b>	<b>L1</b>	<b>CO1</b>
<b>9</b>	Describe flexion and extension with examples.	<b>2 Marks</b>	<b>L2</b>	<b>CO1</b>
<b>10</b>	Explain why the right lung is larger than the left.	<b>2 Marks</b>	<b>L2</b>	<b>CO1</b>

## Part B

Answer any 4 Questions. Each question carries 5 marks.

4Q x 5M=20M

11.	Name the bones of the lower limb and describe the femur in detail.	5 Marks	L3	CO1
12.	Describe the structure and function of the atrioventricular valves of the heart.	5 Marks	L3	CO3
13.	Describe the surfaces and borders of the heart.	5 Marks	L3	CO3
14.	Describe the structure and functions of the pericardium.	5 Marks	L3	CO3
15.	Name upper limb bones and Describe the Humerus	5 Marks	L3	CO1
16.	Describe the vertebral column — types, number, typical and atypical vertebrae.	5 Marks	L3	CO3

## Part C

Answer the Questions

1Q x 10M=10M

17.	Describe the coronary circulation and write about coronary arteries	10 Marks	L3	CO3
Or				
18.	Describe the gross anatomy of the human heart with a neat labelled diagram.	10 Marks	L4	CO3