Name: _____ **Student Number:** _ _ _ _ _ _ _ _

Venue: _____ **Starting Station Number:** ___

Date: __/__/__ **Start Time:** __:__

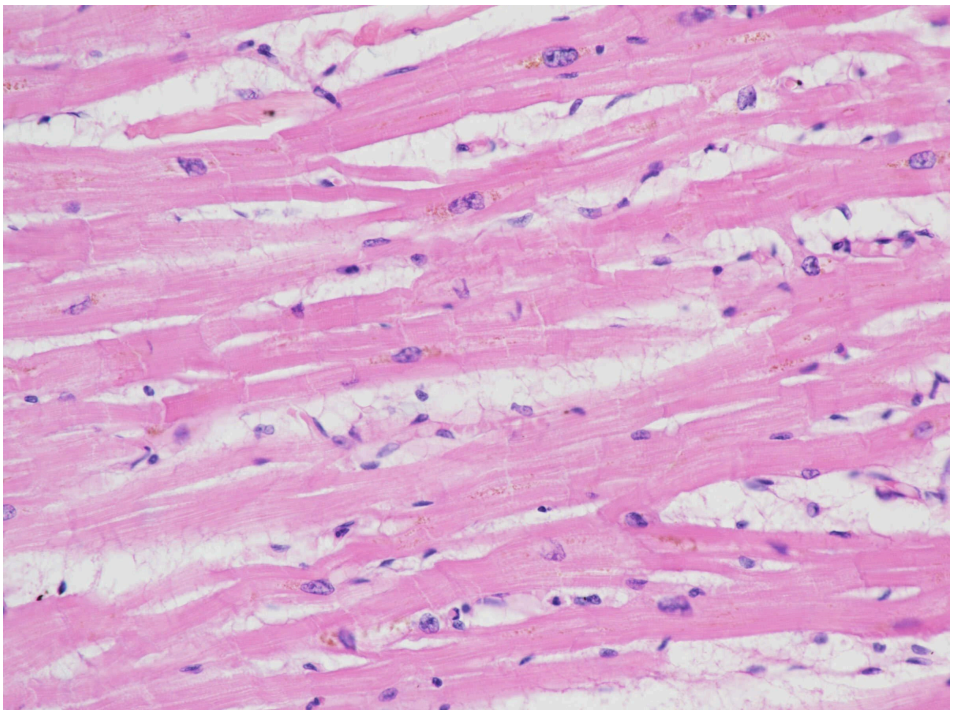
4 Stations

Exam: MD2012 - Integrated Pathology and Clinical Medicine Part 1 of 3 (MSAT)
Assessment Type: On Campus Practical Exam
Date: Monday 07-12/10/2023
Start Time: 6PM
Duration: 3 hours and 10 minutes plus 0 minutes reading
Campus: Townsville and Cairns
Venue: 039, 046 and Smithfield Campus

Exam Conditions:
This is a Restricted Book Exam - you can only bring items listed under Permitted Materials.
Materials Permitted:
Calculator - Non Programmable

STATION 1: STATIC

1) Examine Slide 1



a) Name the type of muscle tissue **(0.5 mark)**

_____

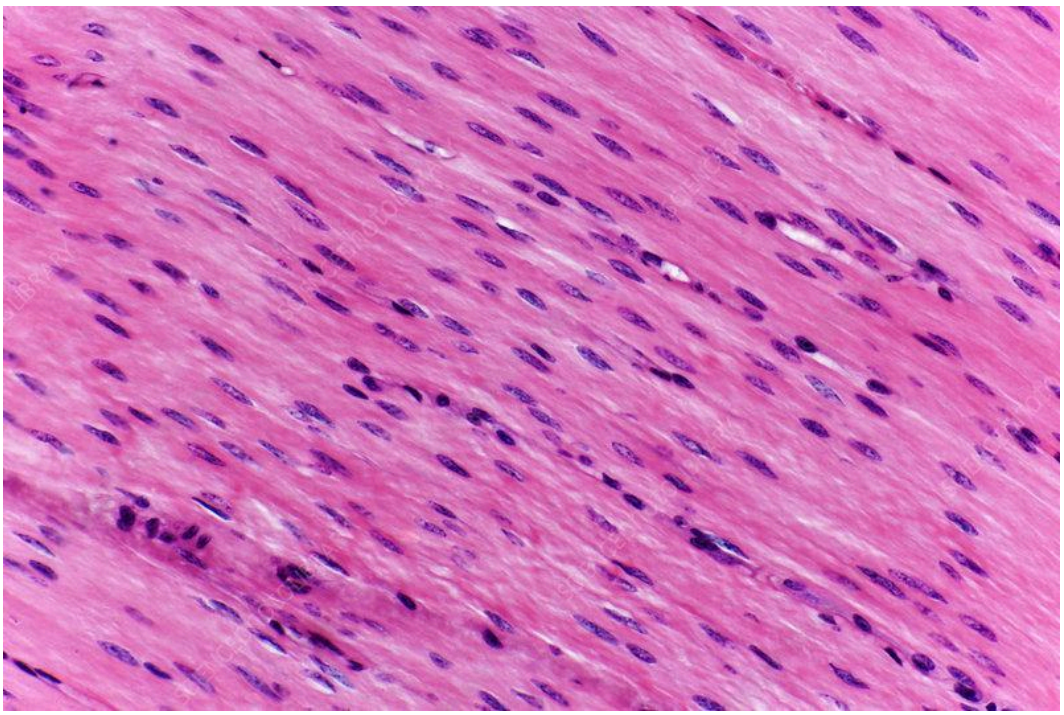
b) List two (2) characteristics of this type of tissue **(1 mark)**

_____

c) Give one (1) example of where this tissue can be found in the body **(0.5 mark)**

_____

2) Examine Slide 2



a) Name the type of muscle tissue **(0.5 mark)**

_____

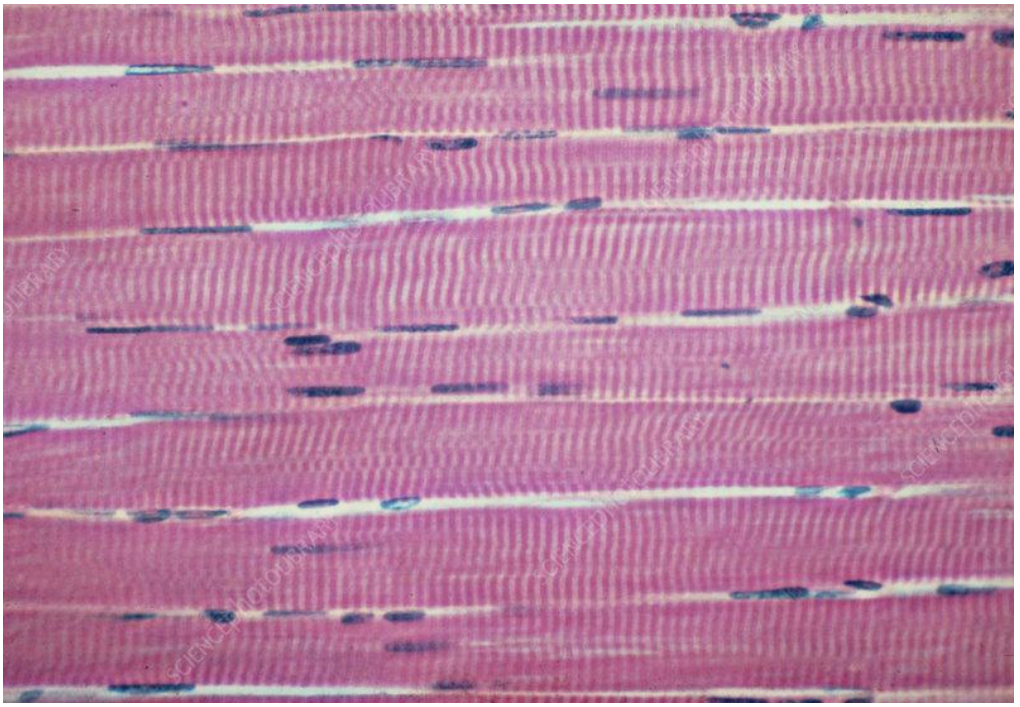
b) List two (2) characteristics of this type of tissue **(1 mark)**

_____

c) Give one (1) example of where this tissue can be found in the body **(0.5 mark)**

_____

3) Examine Slide 3



a) Name the type of muscle tissue **(0.5 mark)**

_____

b) List two (2) characteristics of this type of tissue **(1 mark)**

_____

c) Give one (1) example of where this tissue can be found in the body **(0.5 mark)**

_____

4) Draw a **multipolar** neuron including the labels **cell body, axon, dendrites, Schwann cell, Node of Ranvier, axon terminal, axon hillock.** **(3.5 marks)**

STATION 2: LIVE

Instructions for student

You have 8 minutes to interact with the patient and perform the tasks listed. Read the information listed below and work through the set tasks. Interact with the examiner only when specifically directed in the list of tasks. When the bell rings you must immediately exit the room.

Scenario

You are a medical student on placement in the GP clinic. Bailey and Alex are a couple that have come in because they are planning on having their first child. However, Alex is worried about their own family history. Alex has a few family members with CF. Alex does not know their own genetic status, but they are worried that they will definitely have another child with CF. Alex left school at grade 10 and has never studied biology.

Task

1. Take a short history from Alex regarding their presenting complaint, their past medical, surgical, medication and family history. Her social history is unremarkable, and there are no fertility problems.

2. Draw a genogram of two generations of the patient's family IN THE BOX BELOW. Be as detailed as possible. You may ask further questions from Alex as you do this.

3. Answer Alex's questions and explain to Alex the chances of their baby developing CF

Answers outside this box **WILL NOT BE MARKED**

STATION 3: LIVE

Instructions for student

You have 8 minutes to interact with the patient and perform the tasks listed. Read the information listed below and work through the set tasks. Interact with the examiner only when specifically directed in the list of tasks. When the bell rings you must immediately exit the room.

Scenario

You are a medical student doing placement at a GP clinic and the doctor has asked you to see Mr Jones.

Mr Jones is a 55-year old man from Townsville who has previously seen your GP supervisor for other medical issues. Today he has come in due to **weight loss** and **increased frequency of urination.**

He is worried because these symptoms are completely new to him.

Task:

1. Your GP supervisor would like you to
   - Take a focused history of Mr Jones' presenting symptoms
   - Ask questions above previous medical conditions and any medications
   - Record a detailed social and family history
2. At 6 minutes, the examiner will stop you and ask for your top diagnosis.
3. Please explain to the patient in simple terms what this diagnosis is and why you think it is most likely.

STATION 4 – STOP STATION

Instructions for Student

- Please close your workbook, and wait quietly in the hallway
- At the end of the buzzer meet at the room at the end of the hallway for a debrief