

UNIVERSITY OF BOLTON
SCHOOL OF CLINICAL AND BIOMEDICAL
SCIENCES
BSc (HONS) MEDICAL BIOLOGY
SEMESTER ONE EXAMINATIONS 2021/2022
HUMAN ANATOMY
MODULE NO. BIO4008

Date: Monday 10th January 2022

Time: 10am – 12pm

INSTRUCTIONS TO CANDIDATES:

There are 2 questions in this paper.

1 Question in Section A and 1 question
in Section B – You must answer both
questions.

School of Clinical and Biomedical Sciences
BSc (Hons) Medical Biology
Semester One Examinations 2021-2022
Human Anatomy
Module No: BIO4008

Section A: (Please answer this question).

There will be a total of 50 marks available for this question.

1 – Compare and Contrast the anatomical structures that contribute to static and dynamic stability at the Shoulder and Hip.

You are encouraged to consider differences and similarities in contractile and non-contractile structures associated with each joint location. In addition, you must consider variations in range of movement and give reference and examples to human movement where necessary.

Section B: (Please answer this question).

There will be a total of 50 marks available for this question.

1 – Explain the stages of growth and development through the five human life cycles.

As well as the life cycle stages, you are encouraged to explain the contributing anatomical factors affecting growth and development and give specific understanding to biological age and maturation. During particular stages you are encouraged to discuss the changes with muscles and muscular strength as well as bone and changes in density with possible reference to the onset of disease.

END OF QUESTIONS