



NOTICE TO CENTRES

Date: February 2010

Subject: GCE Health and Social Care, H503 H703

AMENDMENT TO SPECIFICATION - UNIT 11 F921: ANATOMY AND PHYSIOLOGY IN PRACTICE

Amends have been made to page 52 of the specification. The updated section can be seen below:

Musculo-Skeletal and Neural Systems

Candidates need to learn about the musculo-skeletal and neural systems, which for testing purposes will be limited to:

- the structure of the musculo-skeletal and neural systems:

joints: synovial membrane,
 synovial fluid,
 cartilage,
 muscle,
 tendon,
 ligament;

types of joint: ball and socket,
 hinge,
 pivot,
 sliding/gliding,
 fixed;

neural system: brain,
 spinal cord,
 sensory nerve,
 motor nerve,
 neuron,
 myelin sheath;

brain: cerebral hemispheres,
 cerebellum,
 hypothalamus/pituitary gland,
 medulla,
 corpus callosum;

- the functions of the musculo-skeletal and neural systems:
 - support,
 - movement,
 - protection,
 - co-ordination,
 - balance,
 - memory,
 - cognitive thought,
 - emotions;
- dysfunction:
 - arthritis,
 - osteoporosis,
 - Parkinson's disease,
 - multiple sclerosis,
 - stroke;
- causes:
 - genetic,
 - lifestyle,
 - infection,
 - auto-immune;
- diagnostic techniques:
 - diagnostic imaging techniques,
 - evoked visual response,
 - blood tests,
 - spinal fluid analysis;
- treatment:
 - common medications,
 - joint replacement,
 - physiotherapy,
 - future possibilities using stem cells
 - lifestyle changes.

One dysfunction needs to be studied for testing purposes.

Note – the previous version of the specification repeated ‘functions’ as the requirement of the first two bullet points of this section, rather than specifying ‘structure’ in the first bullet.

The latest version of the GCE specification for first teaching in September 2009 can be downloaded from www.ocr.org.uk (navigate to Qualifications / By Type / AS/A level GCE (current) / Health & Social Care (applied), or

http://www.ocr.org.uk/qualifications/type/gce/ict_tec/hsc/index.html