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LEVEL 3 ANATOMY AND PHYSIOLOGY

MODULE 4 THE MUSCULAR SYSTEM

ASSESSMENT WORKBOOK



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| DELEGATE NAME |
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LEVEL 3 ANATOMY AND PHYSIOLOGY

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Enter your answers into the table below. The spacing will expand as you type.

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| **LEARNING OBJECTIVE**  **4.1 To explain the structure, function, growth and repair of the muscular system.** | |
| **QUESTION L3 A&P M4/01**  **In your own words**, explain the following terms in relation to the structure, function and growth of muscle tissue. | |
| **YOUR ANSWER**   * myology * myocyte * myoblast * myogenesis * myofibril * sarcolemma * sarcoplasmic reticulum * muscle fascia * tendons * aponeurosis | **TUTOR COMMENT** |
| **QUESTION L3 A&P M4/02**  **In your own words** describe the 3 types of muscle tissue, give their alternative names (where appropriate) and explain their structure and function. | |
| **YOUR ANSWER**  1.  2.  3. | **TUTOR COMMENTS** |
| **LEARNING OBJECTIVE**  **3.3 To explain the principles of muscle contraction.** |  |
| **QUESTION L3 A&P M4/03**  **In your own words** explain the function of each of the following in relation to the process of muscle contraction. |  |
| **YOUR ANSWER**   * the motor nerve * the motor end plate * acetylcholine * myosin and actin proteins * calcium, sodium and potassium |  |
| **LEARNING OBJECTIVE**  **3.5 To describe the main diseases and disorders of the muscular system.** | |
| **QUESTION L3 A&P M4/04**  Using your notes, textbooks and internet sources, explain **in your own words** the causes and symptoms of the following diseases and disorders of the muscular system. |  |
| * fibrositis * cramp * muscle fatigue * atony * atrophy * myositis * rupture * spasm * spasticity * sprain * strain * stress * muscular dystrophy * Bell’s palsy |  |

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| **You have now completed the Level 3 Anatomy and Physiology Assessment Workbook for Module 4.**  **Check your work thoroughly and then email it in Word format to marking@sallydurant.com** |
| **FOR TUTOR COMPLETION ONLY**  Overall Pass Y / N  Areas of referral/actions to be taken  Due date for resubmission  Tutor Signature  Name  Date work marked  Date work returned |