

LEVEL 3

ANATOMY AND PHYSIOLOGY

ASSESSMENT WORKBOOK





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| DELEGATE NAME  |
| CIBTAC REGISTRATION NUMBER  |



LEVEL 3 ANATOMY AND PHYSIOLOGY

MODULE 1 - HISTOLOGY

ASSESSMENT WORKBOOK

Write your answers in the table below. The spacing will expand as you type.

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| **LEARNING OBJECTIVE** 1.6 To describe the structure and function of the different types of cells and body tissue. |
| **L3 A&P M1 Question1****In your own words**, explain the main features and functions of the following parts of a human cell. |
| YOUR ANSWER * cell membrane
* nuclear membrane
* nucleus
* nucleolus
* chromosomes
* DNA
* chromatin
* centrosomes
* centromere
* centrioles
* cytoplasm
* Golgi apparatus
* mitochondria
* lysosomes
* endoplasmic reticulum
* ribosomes
* vacuoles
 | **TUTOR COMMENT** |
|  **L3 A&P M1 Question 2**List 20 different types of cells found in the human body. |
| **YOUR ANSWER** 1.2.3.4. 6.7.8.9.10.11.12.13.14.1516.17.18.19.20. | **TUTOR COMMENTS** |
|  **L3 A&P M1 Question 3**Name the type of body tissue found in each of these locations.1. in the inner lining of the blood vessels and the alveoli (in the lungs)
2. in the tendons
3. in the epidermis of the skin
4. In the fibrous membrane covering the surface of the bones (periosteum)
5. In the intervertebral discs in the spinal column
6. In the lining of the sebaceous glands and endocrine glands
7. In the lining of the bladder
8. In the dermis of the skin
9. In the lining of the bronchi and bronchioles
10. In the lining of the intestinal tract
11. in ligaments
12. on the articular surfaces of bone and intercostal cartilages
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|  **L3 A&P M1 Question 4**Using your notes, textbooks and internet sources, research and explain **in your own words** the meaning of the following terms in relation to cell and tissue function. |
| 1. serous membrane
2. plasma membrane
3. synovial membrane
4. mucous membrane
5. osmosis
6. diffusion
7. filtration
8. dissolution
9. phagocytosis
10. pinocytosis
11. metabolism
12. anabolism
13. catabolism
14. mitosis
15. meiosis
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| **You have now completed the Level 3 Anatomy and Physiology Workbook – Module 1.****Check your work carefully and then email it in Word format to marking@sallydurant.com** |

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| **TO BE COMPLETED BY COURSE TUTOR**Overall Pass Y / NAreas of referral / Action to be taken (if appropriate)Due date for resubmission (if appropriate)Name of Course TutorSignatureThe date the work was marked The date the work was returned |