

Sample Pearson Set Assignment Brief

Single Part Assessment

Unit 2: Anatomy and Physiology for Health and Social Care

For use with:

Pearson BTEC International Level 3 qualifications in Health and Social Care

Subsidiary Diploma/Foundation Diploma/Diploma/Extended Diploma

Supervised hours	15
-------------------------	----

For completion by the centre

Qualification (select as appropriate)	Subsidiary Diploma/Foundation Diploma/Diploma/Extended Diploma
Assessment date	

Instructions to Teachers/Tutors and/or Invigilators

The Pearson Set Assignment will be assessed internally by the centre using the unit Assessment Criteria detailed in the qualification specification.

Conditions of supervision

The Pearson Set Assignment should be undertaken in conditions that assure the authenticity of outcome. This may require supervision.

We advise that the Pearson Set Assignment be completed in sessions that come to a total of 15 hours. The Pearson Set Assignment should not be shared with learners prior to the start of the assessment period. Teachers/tutors are responsible for security of the Pearson Set Assignment and materials.

Outcomes for submission

Learners may submit handwritten or word-processed evidence.

Learners must submit their own, independent work as detailed in the Set Assignment. Each learner must complete an authentication sheet.

Instructions to Learners

Read the Set Assignment Information and Set Assignment carefully.

You will be asked to carry out specific activities using the information provided. You will be given a specific time period to complete the assignment.

At all times you must work independently and must not share your work with other learners. You must complete an authentication sheet and submit this along with your work.

Set Assignment Information

You are applying to a course leading to a degree in adult nursing.

As part of the process the university has asked you to demonstrate your knowledge of how a physiological disorder can affect different body systems and processes.

You have been asked to carry out independent research into the endocrine system. You will investigate its roles in the body, including the control of the 'fight or flight' response. You will demonstrate an understanding of how the endocrine system works by producing hormones that control how other systems in the body work. You will include in your research the role the hormones have in homeostasis.

You must also research hypothyroidism. This is one of the disorders that is caused by the endocrine system not working properly. This disorder also affects many other body systems that the endocrine system regulates and you should cover this in your research.

Set Assignment

You must complete ALL activities.

ACTIVITY 1

Produce an illustrated report on the endocrine system that includes the following:

- an analysis of how the endocrine system controls and regulates other body systems, and the way other body systems interrelate with the endocrine system
- annotated diagrams showing how tissues and organs are organised in the endocrine system, and the systems they interrelate with
- an illustrated description showing how the endocrine system maintains homeostatic mechanisms, including the role in negative feedback loops.
- an explanation of the role energy plays in maintaining those homeostatic mechanism.

This activity covers learning aims A and B:

A.P1, A.P2, A.P3, B.P4, A.M1, B.M2, AB.D1,

ACTIVITY 2

Use your research to produce a report into the effect of hypothyroidism on the systems in the human body. It should include:

- an evaluation of the effect of hypothyroidism on different body systems
- a discussion of how lifestyle factors and genetics may affect how hypothyroidism affects the human body.

This activity covers learning aim C:
C.P5, C.P6, C.M3, C.D2