2012 HIGHER SCHOOL CERTIFICATE EXAMINATION Human Services

2012 HSC - Human Services Band 4/5 Sample 3 Question 16

Section II

35 marks Attempt Questions 16–20 Allow about 50 minutes for this section

Answer the questions in the spaces provided. These spaces provide guidance for the expected length of response.

Question 16 (6 marks)

(a) Define the terms anatomy and physiology.

Anatomy Kefees to the Structure and Solation

of bones, muscles, organs, glands etc.

Physiology Kefees to the function of the body.

and its packs and how each system works together.

(b) *Homeostasis* is a term that describes the state of physiological balance within the body.

Provide an example of homeostasis and explain how it works.

Temper other regulation is important in mointaining a constant internal environment and life. It is maintained by the stasper perceptions in the skin. Normal lange of Leay temperature is 27°C when it falls and has a charge of the skin shirtes to increase first ion and temperature when too hot hyperthermia) the sweat glands alread liquid to cool the body clown.