3625-532 MARCH 2018
Level 3 Advanced Technical Extended Diploma in Health and Care (1080)
Level 3 Health and Care – Theory exam (2)

Thursday 15 March 2018
13:30 – 15:30

Candidate name (first, last)
First
Last
Candidate enrolment number
Date of birth (DDMMYYYY)
Gender (M/F)
Assessment date (DDMMYYYY)
Centre number
Candidate signature and declaration*

* I declare that I had no prior knowledge of the questions in this assessment and that I will not divulge to any person any information about the questions.

You should have the following for this examination
• a pen with blue or black ink

General instructions
• Use black or blue ball-point pen.
• The marks for questions are shown in brackets.
• This examination contains 15 questions. Answer all questions.
• Answer the questions in the spaces provided. Answers written in margins or on blank pages will not be marked.
• Cross through any work you do not want to be marked.

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1  State **two** functions of a simple cell. (2 marks)

2  a) Explain the term ‘system’ in relation to the human body. (1 mark)

   b) Identify **one** system in the human body. (1 mark)

3  Describe the function of the renal system in the human body. (2 marks)

4  Sarah has been sitting in the sun all day and feels dizzy and sick.
   a) Describe the effect this will have on Sarah’s homeostasis. (1 mark)

   b) Describe how Sarah could restore her internal equilibrium. (1 mark)
5. a) Define the meaning of ‘wellbeing’. (1 mark)

b) Identify one factor that may influence an individual's sense of wellbeing. (1 mark)

6. Describe how treatment options are determined using the biomedical approach. (3 marks)

7. Explain the functionalist theory in relation to health. (4 marks)
8. Describe how personal values, culture and beliefs impact on healthcare practice. (3 marks)

9. Explain the impact of low self-esteem on the health and wellbeing of adults. (4 marks)
10 Explain the impact of the biopsychosocial model on an individual and healthcare practice. [4 marks]

11 Describe how the body gets energy from food. [4 marks]
12 a) Define the term 'genetics'.

b) Identify two genetic conditions.

c) State one body system associated with each of the genetic conditions identified in 12b).

13 a) Identify three diagnostic tests used in a health care environment.

b) Describe how heart rate is measured.
14 a) Define the term ‘meiosis’.

b) Describe the four stages in the process of meiosis.
Aisha is 22 years old and has recently been diagnosed with Crohn's disease. Aisha is extremely anxious about her diagnosis and its impact on her personal and social life.

Discuss the impact of Aisha's condition on her health, wellbeing, quality of life and access to health care. (12 marks)