3625-532 MARCH 2019
Level 3 Advanced Technical Extended Diploma in Health and Care (1080)
Level 3 Health and Care – Theory Exam (2)

Thursday 14 March 2019
13:30 – 15:30

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 16 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 Identify **four** types of bones found in the human skeletal system. (4 marks)

2 Describe **two** functions of the renal system. (2 marks)

3 Explain the interaction between the lymphatic and immune systems. (2 marks)

4 Define the term ‘functionalism’ used in sociological theory. (2 marks)
5 Lloyd is a 69 year old Afro-Caribbean man who lives in a hostel in a large inner city. He has diabetes and high blood pressure.

Explain two demographic factors that may influence Lloyd’s health and wellbeing.

6 Describe how public policies are helping to make mental health services more effective and accessible.
7 Explain how humanist theories contribute to the promotion of health and wellbeing. (4 marks)

8 Staff at a local health centre offer advice and activities to promote healthy living. Explain **two** factors that they should consider in the type of advice and choice of activities offered. (4 marks)
9. Explain the relationship between health and wellbeing. (2 marks)

10. a) Define the term ‘genetics’. (1 mark)

b) Identify one genetic health problem for each of the human body systems below:
   i) Cardiovascular (1 mark)
   ii) Respiratory (1 mark)
   iii) Digestive (1 mark)
   iv) Urinary (1 mark)
   v) Musculoskeletal (1 mark)

11. a) State the structure of a ligament. (1 mark)

b) Describe the function of a ligament during movement. (1 mark)
12 Describe how capillary blood glucose monitoring is carried out. (2 marks)

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13 a) State what is measured when taking an individual’s heart rate. (2 marks)
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b) Describe how the heart rate can be measured manually. (2 marks)
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14 Describe the health benefits of safer sex initiatives. (4 marks)
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15 State a difference between viruses and parasites."
16 Talib is 43 years old. He has been experiencing blurred vision and feeling constantly thirsty. He is very conscious that he is overweight and finds it difficult to make friends. He subsequently spends much of his spare time playing video games at home. The doctor has arranged some tests and confirmed that Talib has developed Type 2 diabetes.

Discuss the factors that will help Talib to understand, manage and improve his health and wellbeing. (12 marks)