



**6004-530 APRIL 2017**

**Level 3 Advanced Technical Diploma in Complementary Therapies (540)**

Level 3 Complementary Therapies – Theory exam (1)

If provided, stick your candidate barcode label here.

**Wednesday 26 April 2017**  
**13:30 – 15:00**

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\*

• If any additional answer sheets are used, enter the additional number of pages in this box.

• Please ensure that you **staple** additional answer sheets to the **back** of this answer booklet, clearly labelling them with your full name, enrolment number, centre number and qualification number in BLOCK CAPITALS.

• All candidates need to use a **black/blue pen**. **Do not** use a pencil or gel pen.

• If provided with source documents, these documents **will not** be returned to City & Guilds, and will be shredded. **Do not** write on the source documents.

**\*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 black or blue ink

**General instructions**

- **This question paper is the property of the City & Guilds of the London Institute and is to be returned, or destroyed after the examination.**
- All questions do **not** have equal marks.
- The maximum marks for each question are shown.
- Answer **all twenty one** questions.



1 Describe the location of **each** of the following.

a) The lateral femoral region.

(1 mark)

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b) The medial brachial region.

(1 mark)

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2 State the location of lysosomes.

(1 mark)

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3 Explain the importance of osmosis within cellular function.

(3 marks)

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4 Explain how extrinsic factors affect the skin. (4 marks)

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5 State one function of the hair. (1 mark)

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6 Describe the appearance of **each** of the following. (1 mark)  
a) Psoriasis.

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b) Hyperkeratosis. (1 mark)

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7 Explain how the sesamoid bone assists with knee movement. (2 marks)

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8 State the **three** bones that form the pelvis. (3 marks)

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9 Explain **each** of the following types of muscle contractions.  
a) Eccentric. (1 mark)

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b) Concentric. (1 mark)

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10 State the action of **each** of the following muscles.  
a) Teres minor. (1 mark)

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b) Semitendinosus. (1 mark)

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11 Explain the effects of ischemia.

(2 marks)

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12 Describe **two** characteristics of arteriosclerosis.

(2 marks)

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13 Explain the function of the lymphatic system when dealing with foreign bodies.

(3 marks)

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14 State the location of the **each** of the following nodes.

a) Buccal.

(1 mark)

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b) Supratrochlear.

(1 mark)

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c) Parotid.

(1 mark)

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15 Explain how **each** of the following pathologies affect the body.

a) Sciatica.

(2 marks)

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b) Dementia.

(2 marks)

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c) Bell's palsy.

(2 marks)

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16 Explain how **each** of the following pathologies affect the body.

a) Laryngitis.

(2 marks)

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b) Pharyngitis.

(2 marks)

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c) Sinusitis.

(2 marks)

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17 a) State **two** accessory digestive organs.

(2 marks)

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19 State one hormone secreted by the pancreas. (1 mark)

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20 State the location of the loop of Henle within the body. (1 mark)

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21 a) State the technical term for absence of menstruation. (1 mark)

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b) Explain the potential causes for an absence of menstruation. (2 marks)

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