6003-534 APRIL 2017
Level 3 Advanced Technical Diploma in Nail Technology (450)
Level 3 Nail Technology – Theory exam (1)

If provided, stick your candidate barcode label here.

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 fourteen questions.
1. State **two** potential benefits to the salon of a nail technician promoting products and services. (2 marks)

2. Explain why a competitor analysis should be carried out prior to opening a new nail business. (4 marks)

3. State the **four** types of bone found within the skeletal system. (4 marks)

4. Why does the lymphatic system produce lymphocytes? (1 mark)
5 Explain the ways in which the skin helps to maintain body temperature. (4 marks)

6 a) State the **three** main routes of entry by which a substance can be absorbed into the body. (3 marks)

b) Explain how overexposure can be prevented. (3 marks)
7. Explain the differences between acid-based and acid-free primers.  

8. State three advantages of using UV/LED gels.  

9. Explain the considerations that should be taken when applying UV/LED gel to a hook/claw nail shape.
10 a) State the three stages of decontamination that are used to prevent cross-infection. (3 marks)

b) Explain each stage stated in a). (3 marks)

11 Describe each of the following colour schemes that are used when creating nail art designs.

a) Monochromatic. (1 mark)

b) Complimentary. (1 mark)

c) Analogous. (1 mark)
12. Explain the importance of carrying out a risk assessment. (4 marks)

13. a) Explain each of the following methods of research.

   i) Primary. (1 mark)

   ii) Secondary. (1 mark)

b) State three examples of research sources. (3 marks)
The information provided in the table below is a case study of a client who has come into the nail salon to discuss a service plan. The client has a 2 hour booking with a 30 minute consultation. Discuss the service options available, recommending a justified service plan for the client.

| Name: Gail  
| Gender: Female  
| Age: 32  
| Medical history: Diabetes.  
| Medication: Insulin and birth control.  
| Comments: Gail works in a stressful job as a teaching assistant. Gail is getting married in three months and has come in to the nail salon for advice on her nails and designs for her wedding day. She has planned the colour scheme for her wedding and wants this to be reflected in the nail design. She wants to continue wearing colour.  
| Nail and skin observations: She has irregular nail lengths with the nails being prone to splitting, pitting and breakages. She has a dry skin type. | (12 marks)