

6003-034/534

Level 3 Nail Technology

Version 1.1 – September 2017

**Sample Mark Scheme**



1	
State <b>four</b> internal factors than can affect the natural nail.	(4 marks)
<b>Answer</b> <b>1 mark each for any of the following, to a maximum of 4 marks:</b> <ul style="list-style-type: none"> <li>• Genetics.</li> <li>• Nutrition.</li> <li>• Hormones.</li> <li>• Medication.</li> <li>• Disease / systemic disorders / illness.</li> <li>• Age.</li> <li>•</li> </ul>	

2	
Explain the <b>main</b> functions of the skeletal system.	(3 marks)
<b>Answer:</b> <b>1 mark for each of the following, to a maximum of 3 marks:</b> Bones provide a framework for the attachment of muscles and other tissues. Bones protect internal organs from injury. Bones store essential minerals (1) and aid the production of red blood cells. (1)	

3	
Explain the ways in which the skin helps to maintain body temperature.	(4 marks)
<b>Answer:</b> <b>1 mark for each of the following, to a maximum of 4 marks:</b> <b>Exact wording is not required, as long as sense is clear</b> <ul style="list-style-type: none"> <li>• In hot conditions the capillaries dilate / vasodilation occurs dissipating heat (1), sweat is excreted cooling the body (1).</li> <li>• When it's cold the capillaries constrict / vasoconstriction occurs (1), the arrector pili muscle contracts causing the hairs to stand up preventing heat escaping (1).</li> </ul>	

4	
Describe how different marketing methods can help promote a nail business.	(4 marks)
<p><b>Answer:</b></p> <p><b>Maximum of two marks for identifying marketing method and maximum of two marks for further linked effects.</b></p> <ul style="list-style-type: none"> <li>• Organise a salon open evening (1) will allow the salon to demonstrate/showcase their skills/knowledge. (1)</li> <li>• Offer existing clients a discount (1) will encourage bookings/repeat business/client retention/client loyalty (1).</li> <li>• Distributing a flyer (1) will increase awareness of new/current services.(1)</li> <li>• Include an introductory offer (1) on the web page to attract more clients. (1)</li> <li>• Place an editorial/advert in a local newspaper/magazine (1) to increase awareness/reach a wider audience. (1)</li> <li>• Social Media (1) posting pictures doing a blog on you services and products. (1)</li> </ul>	

5	
Explain the differences between arteries and veins.	(3 marks)
<p><b>Answer</b></p> <p><b>1 mark each for any of the following, to a maximum of 3 marks:</b></p> <ul style="list-style-type: none"> <li>• Arteries have thick walls and veins have thinner walls.</li> <li>• Arteries carry blood away from the heart and veins carry blood towards the heart.</li> <li>• Arteries carry oxygenated blood, veins carry deoxygenated blood.</li> <li>• Arteries do not have valves, veins have valves.</li> </ul>	

6	
Explain the process of removing a soft gel nail enhancement in preparation for service.	(6 marks)
<p><b>Answer</b></p> <p><b>1 mark for identification of each process, to a maximum of 6 marks:</b></p> <p>Cut or file down the nail (1) to reduce thickness/length (1).  Then use a file to remove the surface shine (1).  Place the fingernails into a bowl of product remover / wrap in foil with a cotton pad soaked in product remover (1) to soften the product (1).  Remove from pad/bowl and wipe off excess product to check the removal method is effective (1).  Then carefully remove softened product to prevent damage (1).  Finally, ensure all product is removed and the nails are clean ready for the next service (1).</p>	

7	
State <b>three</b> different types of product that could be used to protect a nail art design.	(3 marks)
<b>Answer</b> <b>1 mark for each of the following, to a maximum of 3 marks:</b> <ul style="list-style-type: none"> <li>• Gel/regular topcoat.</li> <li>• Clear/pink liquid and powder.</li> <li>• Clear/pink gel.</li> </ul>	

8	
Describe how different environmental conditions can affect <b>each</b> of the following systems during application. a) Liquid and powder. b) Light cured gels.	(3 marks) (3 marks)
<b>Answer:</b> a) <b>One mark for each of the following, to a maximum of 3 marks:</b> <ul style="list-style-type: none"> <li>• Warm temperatures make the product set faster.</li> <li>• Cold temperatures make the product set slower.</li> <li>• Cold temperature / drafts / air-conditioning can make product crystallise.</li> </ul> b) <b>One mark for each of the following, to a maximum of 3 marks:</b> <ul style="list-style-type: none"> <li>• Warm temperatures can make the product a thinner viscosity.</li> <li>• Cold temperatures make the product slower to self-level.</li> <li>• Working in strong UV light can cause the product to prematurely polymerise.</li> </ul>	

9	
State the <b>three</b> types of acrylates used in nail enhancements.	(3 marks)
<b>Answer:</b> <b>One mark for each of the following, to a maximum of 3 marks:</b> <ul style="list-style-type: none"> <li>• Methyl methacrylate. (MMA)</li> <li>• Ethyl methacrylate. (EMA)</li> <li>• Cyanoacrylate.</li> </ul>	

10

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.

**Name:** June  
**Gender:** Female  
**Age:** 54  
**Medical history:** Asthma and psoriasis.  
**Medication:** Inhaler and topical creams.  
**Comments:** June has a keen interest in gardening. She is celebrating her 25th wedding anniversary in 3 weeks' time and is going on a Caribbean cruise to celebrate. She has never had a nail treatment before and has shown an interest in having nail art. She would like her nails to compliment her holiday.

**Nail and skin observations:** She has short, wide and flat nails which are prone to pitting. She has a dry skin type.

Discuss the service options available, recommending a justified service plan for the client.  
(12 marks)

Answer:

Indicative content

Candidate's response may include, but is not limited to, the following:

- i. Treatment/services can include a combination of the following services to improve the nails and hands:
  - a. Nail enhancements
    - i. Overlays, tips, sculpting.
    - ii. Soft/hard gel, liquid and powder.
  - b. Nail art
    - i. Embedding
    - ii. 3D
    - iii. 2D
    - iv. Imprinting/stamping
    - v. Colour fading
    - vi. Marbling
    - vii. Gel painting
    - viii. One stroke

And

- c. Nail shapes, for example:
  - i. Stiletto
  - ii. Ballerina (coffin)
  - iii. Lipstick
  - iv. Square

- v. Round
- vi. Squoval
- ii. Frequency of treatments – 2 – 3 weeks for maintenance.
- iii. Relationship between client's budget and associated costs.
- iv. Justification of the types of treatments considering:
  - a. Lifestyle
  - b. Medication
  - c. Job
  - d. Timescales
  - e. Final nail design.
- v. Retail and homecare advice:
  - a. Exfoliating products
  - b. Skin creams/lotions and cuticle oil/cream to help dry skin
  - c. Hand masks
  - d. Nail file, buffer, top coat.
- vi. Removal - Consideration given to when the enhancements are to be removed.





Band 1(1-4 marks)	Band 2 (5-8 marks)	Band 3 (9-12 marks)
<p>Service plan not tailored to suit the client's lifestyle or medical/nail condition with no attention paid to, or understanding demonstrated of, the information provided in the case study. A limited range of available treatment and service options were considered with no justification provided for the choices made. Limited consideration given to timescales and budget with no links to the service plan. Limited advice and recommendations were provided regarding homecare and maintenance with no links to future events.</p>	<p>Service plan options were discussed and were tailored to the client's needs, including the use of PPE, with some justifications provided. A range of designs were considered with tentative links between the choices made and the client's requirements, but lacks confidence in justifying their choices. Timescales and budget were considered incorporating regular services but were not fully linked to a service plan. Relevant advice and recommendations were suggested regarding homecare and maintenance but does not consider future events. Some conclusions were made but does not fully support the case study.</p>	<p>Comprehensive service plan is proposed and linked to the client's requirements, medical/nail conditions and lifestyle providing clear justifications for the choices. A range of nail designs were considered and agreed on taking into consideration client's nail and skin condition. Thorough consideration was given to planning which took into account budgets, timescales and client requirements with accurate justifications made. Comprehensive and relevant options relating to retail and homecare advice were provided to maintain the effects of the treatment. Additional information was provided relating to post-holiday maintenance and removal of nail products. The candidate has come to a well-balanced conclusion, which is fully validated.</p>