

## 6003-22 Level 2 Technical Certificate in Nail Treatments

### 6003-524 Level 2 Nail Treatments - Theory exam

#### March 2022 Mark Scheme

Q no.	Acceptable answer(s)	Guidance	Max mks	Ref
Q1	<p>1 mark for each of the following, <b>up to a maximum of 3 marks:</b></p> <ul style="list-style-type: none"> <li>• Extends and adducts the shoulder/extends the elbow joint.</li> <li>• Flexes and adducts the wrist.</li> <li>• Flexes/rotates the thumb.</li> </ul>	<p><b>Accept:</b> <b>The word movement.</b></p>	3	231. 02.02 AO1
Q2	<p>1 mark for each of the following, <b>up to a maximum of 3 marks:</b></p> <ul style="list-style-type: none"> <li>• It produces the keratin cells which form the layers of the natural nail.</li> <li>• Cell division/ reproduction takes place through mitosis.</li> <li>• It determines the size/ shape/ curvature/ thickness of the natural nail.</li> <li>• DNA is produced in the matrix for healthy consistent nail growth.</li> </ul>		4	231. 01.02 AO1
Q3	<p>1 mark each adaptation <b>to a maximum of 3, 1 mark</b> for any linked explanation <b>to a maximum of 6 marks:</b></p> <ul style="list-style-type: none"> <li>• Keep the nails short in length (1) as this will help to prevent additional accidental damage/ trauma (1) which will allow the nail separation to grow out/heal (1).</li> <li>• Keep the separated area clean and dry (1) to prevent bacteria getting into the gap (1) which can cause a nail infection (1).</li> <li>• Avoid unnecessary upward pressure/ pushing objects under the nail (1) as this will cause the tissue which holds the nail plate on the bed (epithelium) to be easily torn (1) causing further/ severe separation (1).</li> </ul>			231 01.02

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Q4	<p>1 mark each reason to <b>a maximum of 2 marks</b>; 1 mark for the linked explanation <b>to a maximum 4 marks</b>:</p> <ul style="list-style-type: none"> <li>• To prevent cross infection (1) as it may carry bodily fluids/blood (1).</li> <li>•</li> <li>• To meet local authority requirements (1) to avoid a possible fine being incurred (1).</li> <li>•</li> <li>• To protect natural resources (1) which can cause harm to human health/pollute the environment (1).</li> </ul>	<p><b>Answers that focus on cross contamination will be accepted.</b></p>	4	<p>232 01.01</p> <p>AO2</p>
Q5	<p>1 mark each for any of the following, <b>to a maximum of 4 marks</b>:</p> <ul style="list-style-type: none"> <li>• Client information should be kept securely.</li> <li>• Data should only be used for the purpose it was collected.</li> <li>• Data must not be disclosed to a third party without consent.</li> <li>• Individuals have a right to access their personal information.</li> <li>• Personal information should be kept up to date.</li> <li>• Personal information should not be held for longer than necessary.</li> <li>• Clients have the right to have inaccurate information corrected.</li> <li>• Clients should give signed consent for any images to be used for marketing.</li> </ul>		4	<p>232 04.04</p> <p>AO1</p>
Q6	<p>1 mark each reason, <b>to a maximum of 2 marks and 1 mark for the linked explanation to a maximum of 4 marks</b>:</p> <ul style="list-style-type: none"> <li>• To avoid damaging layers of the natural nail (1) which makes the nails thin and weak (1) allowing some chemicals to pass through the plate more easily (1) which contributes to allergic reactions/nail problems (1).</li> <li>• To avoid thinning the nail plate (1) which affects the adhesion of products (1) and can cause contra-actions such as lifting/chipping/heat reaction (1).</li> <li>•</li> <li>• Avoid making the nail plate too smooth and shiny (1) as this can lead to inadequate product adhesion (1) which can cause lifting (1)</li> </ul>	<p><b>The accepted answers link to using a file that is too harsh although the question doesn't state specifically if the file was too hard or soft</b></p> <p><b>So accept answers that focus on:</b> <b>Nail not 'scuffed enough (1) leading to inadequate adhesion of product (1)</b></p>	4	<p>233 02.02</p> <p>AO2</p>

Q no.	Acceptable answer(s)	Guidance	Max mks	Ref
Q7	<p>1 mark each for any of the following, <b>to a maximum of 3 marks:</b></p> <ul style="list-style-type: none"> <li>• Change in client's circumstances/ lifestyle/ budget/ occupation</li> <li>• Client needs extensions for a short period of time/ occasion.</li> <li>• The natural nail has grown to the length the client is happy with.</li> <li>• The extensions have been applied elsewhere.</li> <li>• There is a problem with the natural nail/ extension.</li> <li>• The extensions are beyond repair.</li> <li>• To check the health of the nail under opaque/ colour extension/ design work.</li> <li>• Medical recommendations.</li> <li>• Allergic reaction.</li> <li>• Overgrown/ outgrown as an addition to either an extension beyond repair or a problem with the enhancement.</li> </ul>		3	233 04.02  AO1
Q8	<p>1 mark for each <b>comparison to a maximum of 2;</b> 1 mark for the linked explanation <b>to a maximum of 4 marks:</b></p> <ul style="list-style-type: none"> <li>• Acid Primers form both a chemical and mechanical bond/hydrogen and covalent bond, whereas Acid free primers will form a double covalent bond/ double sided sticky tape (1).</li> <li>• Acid primers are a strong irritant/corrosive which can cause skin damage/burn with contact, whereas Acid free primers may cause an adverse reaction with repeated skin contact but not burn (1).</li> <li>• Acid Primers gently etches the surface of the nail plate, whereas Acid free primers polymerise with the overlay to create one structure (1).</li> <li>• Acid based primer dissolves residual oils to accept the overlay whereas acid free primers temporarily changes the PH of the natural nail to make it closer to that of the product (alkaline) (1).</li> <li>• Acid primers leave a chalky finish, whereas acid free primers leave a sticky finish (1).</li> <li>• Acid Primers contain methacrylic acid, whereas Acid free primers contain a</li> </ul>		4	233 01.01  AO2

	<p>combination of Ethyl Acetate, Acetone and Acrylic Ester (1).</p> <ul style="list-style-type: none"> <li>• Acid Primers can cause discolouration, whereas acid free primers maintain colour consistency (1).</li> </ul>			
Q9	<p>1 mark each for any of the following, <b>to a maximum of 3 marks:</b></p> <ul style="list-style-type: none"> <li>• Severe psoriasis.</li> <li>• Severe Eczema.</li> <li>• Impetigo.</li> <li>• Ring worm.</li> <li>• Scabies/ infestation.</li> <li>• Herpes simplex / warts /shingles.</li> <li>• Allergies.</li> <li>• Hives.</li> <li>• Severe dermatitis.</li> <li>• Paronychia/ bacterial infection.</li> </ul>	<p>Do <b>not</b> accept: Psoriasis Eczema Dermatitis.</p>	3	233 2.3 AO1
Q10	<p>1 mark each for any of the following, <b>to a maximum of 3 marks:</b></p> <ul style="list-style-type: none"> <li>• Hot towel heater.</li> <li>• Heated booties.</li> <li>• Wheat pads/booties.</li> <li>• Paraffin wax bath.</li> <li>• Infrared lamp.</li> </ul>		3	206 01.02  AO1
Q11	<p>1 mark each for any of the following, <b>to a maximum of 3 marks:</b></p> <ul style="list-style-type: none"> <li>• Minor eczema</li> <li>• Minor psoriasis</li> <li>• Minor dermatitis.</li> <li>• Varicose veins.</li> <li>• Resent scar tissue.</li> <li>• Allergies.</li> <li>• Broken skin/ cuts/ open wounds.</li> <li>• Undiagnosed lumps/ swelling.</li> <li>• Hypersensitivity</li> <li>• Thread veins</li> <li>• Thin, crepy skin.</li> <li>• Bunion.</li> <li>• Bruising.</li> </ul>		3	206 1.3 AO1
Q12	<p>1 mark for each reason <b>to a maximum of 2 marks;</b> 1 mark for the linked explanation <b>to a maximum of 4 marks:</b></p> <ul style="list-style-type: none"> <li>• The bulbs become weaker over time (1) releasing less UV light (1) which is not strong enough to convert the oligomers into polymers/solid (1).</li> </ul>		4	207 01.02  AO2

	<ul style="list-style-type: none"> <li>To prevent under curing the gel (1) which results in nails to be more prone to staining/ lifting/ peeling/ (1) and the potential risk of skin allergies (1).</li> </ul>			
<b>Q13</b>	<p>1 mark for each reason <b>to a maximum of 2 marks</b>; 1 mark for the linked explanation <b>to a maximum of 4 marks</b>:</p> <ul style="list-style-type: none"> <li>Over curing /under curing of the gel products (1) which can cause discolouration/yellowing (1).</li> <li>The age/ shelf life of the product (1) which causes the pigments/ chemicals to break down changing the colour (1).</li> <li>Chemical bonds become broken down (1) because of extended wear of gel polish and exposure to UV/ exposure to chemicals (1) which causes changes to the gels chemical structure of the pigment/ colour ingredient (1).</li> </ul>		4	207 1.1 AO2
<b>Q14</b>	<p><b>Levels marking</b></p> <p><b>Intention:</b> <b>Statement about the aim of the question – the target understanding anticipated.</b></p> <p>Band 1: 1-4 A limited range of available treatment and service options were discussed. Limited consideration was given to timescales and budget or the requirement for regular treatments. Little thought was given to client’s lifestyle. Basic design options were discussed. Limited advice and recommendations were provided regarding homecare and maintenance.</p> <p>Band 2: 5-8 Treatment and service options were discussed and were relevant to the clients’ needs, with some justification provided. Timescales and budget were considered but were not fully linked to a treatment plan. A range of designs were considered with suitable options discussed. Relevant advice and recommendations were suggested regarding homecare and maintenance.</p> <p>Band 3: 9-12 Comprehensive treatment and service options were proposed and linked to the client’s needs and lifestyle providing clear justifications for the choices. Thorough consideration was given to planning which took into account budgets and timescales. Consideration was also given to the</p>	<p><b>Indicative content</b></p> <p>Treatment/services/ recommendations to improve the appearance and condition of the hands and nails. Could include a combination of specialist manicures, nail treatments, enhancements, gel polish, nail art.</p> <p>Treatment adaptations. Timescales. Frequency of treatments. Relationship between clients’ budget and associated costs. Justification of the types of treatments/ services considering her lifestyle, nail and skin type and condition. Retail, recommendations and aftercare/ homecare advice. Maintenance and removal.</p>	Max mks  12	Integ rated

	<p>effects of the treatments provided and products used to ensure the maximum benefit was achieved for the client. A range of designs were considered and agreed on. Comprehensive and relevant options relating to retail and homecare advice were provided to maintain the effects of the treatment. Further information was provided relating to post maintenance and removal of nail products.</p>			
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