

**Qualification: 6003-22-024/524 Level 2 Technical Certificate in Nail Treatments
– Theory Exam
May 2018**

1	State six functions of the skin.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, up to a maximum of six marks:</p> <ul style="list-style-type: none"> • Sensation. • Heat Regulation (1) • Absorption (1) • Protection (1) • Excretion (1) • Secretion (1) • Vitamin D production (1) 		6
2a	Explain the potential impact each of the following factors has on the natural nail growth. Poor diet.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for each factor, up to a maximum of two marks. One mark for any linked explanation to a maximum of three marks:</p> <p>A poor diet lacks in nutrients and vitamins (1) which can slow nail growth (1), leave the nails weak and/ or thin, contributing to splitting (1) and can cause ridges across the nail (1).</p>	Do not accept more than one mark for the same explanation listed against more than one factor.	3
2b	Explain the potential impact each of the following factors has on the natural nail growth. Poor circulation.		
	Acceptable answer(s)	Guidance	Max mks

	<p>One mark each for each factor, up to a maximum of two marks. One mark for any linked explanation to a maximum of three marks:</p> <p>Poor circulation affects the amount of blood flow to the matrix and nail bed (1) reducing the supply of oxygen and nutrients to the cells (1) which slows the growth of the nail plate (1).</p>	Do not accept more than one mark for the same explanation listed against more than one factor	3
3	Explain the importance of carrying out a risk assessment in a salon.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for each factor up to a maximum of two marks. One mark for any linked explanation to a maximum of four marks:</p> <ul style="list-style-type: none"> • It allows potential risks to be identified (1), allowing control measures to be put into place (1) which prevent problems (1). • It enables the management of those risks (1) for the safety of anyone entering the salon environment (1). <p>It is a legal requirement to protect clients/staff (1); under the Health and Safety at Work Act (1) and it safeguards the salon in the event of legal action/insurance claims (1).</p>		4
4	State four Personal Protective Equipment (PPE) that must be worn in order to work safely as a nail technician.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, up to a maximum of four marks:</p> <ul style="list-style-type: none"> • Gloves (1) • Mask (1) • Safety glasses (1) • Aprons/uniforms (1) 		4
5	Explain the differences in application techniques between LED/UV gels and liquid and powder systems.		
	Acceptable answer(s)	Guidance	Max mks

	<p>One mark each for each factor up to a maximum of two marks. One mark for any linked explanation to a maximum of four marks:</p> <ul style="list-style-type: none"> • Gels are semi solid/pre mixed product (1) whereas liquid and powder (Acrylic) has to be mixed to the correct ratio (1). • Polymerisation takes place when monomer and polymer are mixed. (1) Gel requires a UV light source (LED/ UV Lamp) to cure/polymerise (1). • Achieve a high shine finish with Gels without buffing (1) whereas liquid and powder has to be buffed (1) 		4
6	State four natural nail types that require corrective methods when applying nail enhancements.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, up to a maximum of four marks:</p> <ul style="list-style-type: none"> • Fan (1) • Hook/Claw (1) • Ski Jump/Spoon (1) • Bitten (1) • Flat (1) 		4
7	Describe two factors to consider when applying a tip to avoid cracking.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, up to a maximum of two marks:</p> <ul style="list-style-type: none"> • Poor tip fit tips/tips should match the C curve and fit sidewall to sidewall (1) • Incorrect/ poor cutting (1) • Using blunt blades/tip cutters (1) • Overuse/incorrect use of chemicals used to blend or contact with primers (1) 		2
8	Explain the importance of correctly positioning the apex of the nail.		
	Acceptable answer(s)	Guidance	Max mks

	<p>One mark each for each method, up to a maximum of two marks. One mark for the linked explanation, up to a maximum of four marks:</p> <ul style="list-style-type: none"> • Correct positioning creates balance (1) so that the nail enhancement has a strong structure for longevity and durability (1). • Correct positioning on each is used to correct different nail shapes (1), gives uniformity and consistent appearance across the set of nails (1). 		4
9	State two chemical ingredients of Gel Polish.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, up to a maximum of two marks:</p> <ul style="list-style-type: none"> • Oligomers (1) • Photo initiators (1) • Pigments (1) • Polyurethane (1) 		2
10	Explain the possible causes of brittle nails.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each identification, up to a maximum of two marks. One mark for the linked explanation, up to a maximum of four marks:</p> <ul style="list-style-type: none"> • Brittle nails occur when they have lost flexibility/strength (1) because of the loss of moisture and oils. (1) • Repeated use of chemicals and solvents (detergents, acetones and polish remover etc.) dehydrates the nail (1) causing brittleness cracks/splitting (1). • Over soaking of hands and nail in water causes the nail plate to swell and contract when drying out (1) causing brittleness, splits and cracks (1). • Excessive/over use of nail straighteners containing formaldehyde can make nails become dry and brittle (1) which causes cracking (1). 	Do not accept more than one mark for the same explanation listed against more than one identification point.	4
11	State the process for removing gel polish from the natural nail.		
	Acceptable answer(s)	Guidance	Max mks

	<p>One mark for each of the following, up to a maximum of four marks:</p> <ul style="list-style-type: none"> • Following manufacturer’s instructions (1) • Buff top coat prior to soaking/not using over harsh abrasive or drills (1) • Wrap/soak nails using appropriate recommended removal products (1) • Soak for recommended time (1) • Ensure that the product is softened enough to avoid prying product from the natural nail (1) 		4
12	Explain the benefits of using an LED Lamp when curing Gel Polishes.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each identification, up to a maximum of two marks. One mark for the linked explanation, up to a maximum of four marks:</p> <ul style="list-style-type: none"> • Curing is more efficient and quicker (1) as LED uses a shorter wavelength in the UV colour spectrum (1). • Bulbs never need changing (1) so making treatments more cost effective compared to traditional UV Lamps (1) and eco-friendly (1). • Cool cure/less heat (1) reducing the chance of an exothermic reaction to the client (1). 		4
13	<p>Lisa works in a busy hair salon. Her nails are a long almond shape and she regularly wears gel polish but recently her nails have begun to split below the free edge. She has come to the salon for some advice on the options available to her.</p> <p>Discuss the treatment and service options that would improve the condition and appearance of her hands and nails.</p>		
	Acceptable answer(s)	Guidance	Max mks
	<p>Band 1: (1-4 marks) 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 lifestyle and occupation. Basic design options were discussed. Limited advice and recommendations were provided regarding homecare and maintenance.</p> <p>Band 2: (5-8 marks) Treatment and service options were discussed and were relevant to the clients’ needs, with some justification provided.</p>	<p>Indicative content:</p> <ul style="list-style-type: none"> • Treatment/services should include a combination of specialist manicures and • Natural nail treatments • Nail Enhancement Systems and techniques • Gel polish, 	12

	<p>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 marks)</p> <p>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 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>	<ul style="list-style-type: none"> • Nail art- considerations, design ideas and techniques and final nail design • Frequency of treatments • Relationship between clients budget and associated costs • Justification of the types of treatments considering her job and lifestyle • Timescales, • Retail and homecare advice • Maintenance and removal • Recommendations and advice 	
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