

**Qualification: 6003-32-034/534 Level 3 Advanced Technical Diploma in Nail
Technology – Theory Exam
June 2018**

1a	Describe the function of each of the following layers of the skin. Epidermis.		
	Acceptable answer(s)	Guidance	Max mks
	One mark each for any of the following, to a maximum of two marks: Epidermis – Provides a waterproof barrier (1) and creates skin tone (1).		2
1b	Describe the function of each of the following layers of the skin. Dermis.		
	Acceptable answer(s)	Guidance	Max mks
	One mark each for any of the following, to a maximum of two marks: Dermis - Gives the skin its flexibility (1) gives the skin strength (1), stores the skin follicles and sweat glands (1).		2
1c	Describe the function of each of the following layers of the skin. Subcutaneous layer.		
	Acceptable answer(s)	Guidance	Max mks
	One mark each for any of the following, to a maximum of two marks: Subcutaneous layer (hypodermis) - Stores fat (1) and controls body temperature (1).		2

2	Explain how osteoarthritis can affect a hand or foot service.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for each identification to a maximum of three, one mark for the linked explanation to a maximum of five marks:</p> <p>The joint may become enlarged (1) which leads to bone changes (osteophytes) occurring (1).</p> <p>The joints can swell causing tenderness (1) This would lead to modifying the treatment by avoiding working on the area (1).</p> <p>Chronic degeneration of the joint cartilage (1) causing reduced range of movement within the joint / pain (1).</p>	Would not allocate more than one mark for the same explanation listed against more than one identification.	5
3	Explain the process for storing liquid and powder brushes after use.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for each identification to a maximum of three, one mark for the linked explanation to a maximum of five marks:</p> <ul style="list-style-type: none"> • Clean immediately after use in clean monomer / brush cleaner (1) to ensure all product is removed (1) and shape and form is restored (1) • Make sure any powder residue is removed in between nail application (1) to ensure product does not set/harden in the brush (1) • Store flat or pointing downwards (1) to eliminate possible contamination from the liquid (1) • Store with a lid/case out of the UV light (1) to prevent possible contamination (1) 		5
4	Describe the steps when carrying out a pink and white reverse application nail service.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, to a maximum of five marks:</p> <ul style="list-style-type: none"> • Prep the nail and apply a tip or sculpting form. • Apply pink first • File in the smile line. • Apply free edge colour up to or over smile line. • Finish by filing to shape. 		5
State 3 factors that should be taken into account when developing nail designs.			

5	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for any of the following, to a maximum of three marks:</p> <ul style="list-style-type: none"> • Client’s needs. • Theme. • Events. • Type of nails. • Current trends. • Products required. 		3
6a	Explain how the following techniques would be used to create nail art designs. Embedding.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for each identification to a maximum of two, one mark for the linked explanation to a maximum of four marks:</p> <p>Using gel/liquid and powder to encase an object within nail product (1) to make sure the finish is thin and smooth (1).</p>		2
6b	Explain how the following techniques would be used to create nail art designs. Colour fading.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for each identification to a maximum of two, one mark for the linked explanation to a maximum of four marks:</p> <p>Using Gel /paint / liquid and powder to blend colours from dark to light or vice versa (1) to create a colour blend/ombre effect (1)</p>		2
7	State three potential consequences of using the incorrect UV/LED light source during a nail service.		
	Acceptable answer(s)	Guidance	Max mks

	<p>One mark for each of the following, to a maximum of three marks:</p> <ul style="list-style-type: none"> • Yellowing of product. • Over curing of product. • Under curing of product. • Allergic reaction. • Product chipping. • Product removal takes longer. • Premature loss of enhancement. 		3
8	State three current legislations that relate to a nail service.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for any of the following, to a maximum of three marks:</p> <ul style="list-style-type: none"> • Health and safety at work act / the health and safety (first aid regulations) / the health and safety (information for employees) regulations. • RIDDOR. • The regulatory reform (fire safety) order. • The manual handling operations regulation. • COSHH. • The electricity at work act. • The environmental protections act. • The management of health and safety at work regulations. • Consumer Protection Act. 		3
9	Explain the differences between the two types of chemical bonds.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark each for each identification to a maximum of three, one mark for the linked explanation to a maximum of six marks:</p> <p>Covalent (1) a chemical bond formed by the sharing of one or more electrons (1) a covalent bond is stronger than a hydrogen bond (1). These are primers that are acid based (1) that are classed as a corrosive (1) hydrogen (1) the hydrogen bond is an attractive interaction between a hydrogen atoms from a molecule (1). One end of the primer molecule is attracted to some of the amino groups (1) These are primers that are classed as non-acid primers (1).</p>		6
10	State two salon procedures used to minimise the waste of product when carrying out a nail treatment.		
	Acceptable answer(s)	Guidance	Max mks

	<p>One mark for each of the following, to a maximum of two marks:</p> <p>Only decant/pour out the required amount of product. Keep lids on products to avoid spillages. Keep lids on products to avoid product evaporating. Use pump dispensers for the appropriate products.</p>		2
11	State two ways a nail technician should show professional behaviours when communicating in a salon environment.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, to a maximum of two marks:</p> <ul style="list-style-type: none"> • Work cooperatively with colleagues. • Maintain a high level of working practice. • Positive body language. • Taking into account diverse needs of clients /culture/religion/age/disability/gender 		2
12	Explain the correct consultation techniques used to gain maximum results during a nail service.		
	Acceptable answer(s)	Guidance	Max mks
	<p>One mark for each of the following, to a maximum of four marks:</p> <p>Recognising client’s diversity/special needs (1) to ensure the service is adapted to suit the client (1).</p> <p>Agreeing a service plan that meets clients’ needs (1) to ensure client satisfaction (1).</p> <p>Communicate with clients in a professional manner (1) to show respect and understanding of treatment needs (1).</p> <p>Using written, visual and manual information (1) to gain consent from clients (1) and to adhere to insurance requirements (1).</p> <p>Maintaining client’s confidentiality (1) by adhering to the data protection act (1)</p>		4
13	<p>The information provided in the table below is a case study of a client who has come into the nail salon to discuss a treatment plan and service. The client has a 2 hour booking with a 30 minute consultation.</p> <p>Discuss the service options available, recommending a justified service plan for the client.</p>		

Name: Suzanna
Gender: Female
Age: 55
Medical history: High blood pressure
Medication: None

Comments:

Suzanna has had manicures previously. Suzanna has long natural nails, however they are all uneven. Suzanna has explained her nail bends easily and sometimes split along the free edge. She is unsure what she would like. Suzanna has also mentioned she is interested in a nail art design.

Nail and skin observations:

Long uneven nails. Soft hydrated skin. Splinter haemorrhages are on two nails.

Acceptable answer(s)	Guidance	Max mks
<p>Band 1 (1-4 marks) Service plan not tailored to suit the client’s lifestyle or 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>Band 2 (5-8 marks) Service plan options were discussed and were tailored to the client’s needs, 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>Band 3 (9-12 marks) Comprehensive service plan is proposed and linked to the client’s requirements 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</p>	<p>Indicative content Candidate’s response may include, but is not limited to, the following:</p> <ul style="list-style-type: none"> i. Services can include a combination of the following services to improve the nails and hands: <ul style="list-style-type: none"> a. Nail enhancements, b. Nail art <p>And</p> <ul style="list-style-type: none"> c. Nail shapes 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: <ul style="list-style-type: none"> a. Lifestyle, b. Medication, c. Job, d. Timescales, e. Final nail design. v. Retail and homecare advice: <p>Removal - Consideration given to when the enhancements are to be removed.</p>	<p>12</p>

	<p>options relating to retail and homecare advice were provided to maintain the effects of the treatment. Additional information was provided relating to post-wedding maintenance and removal of nail products. The candidate has come to a well-balanced conclusion, which is fully validated.</p>		
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