

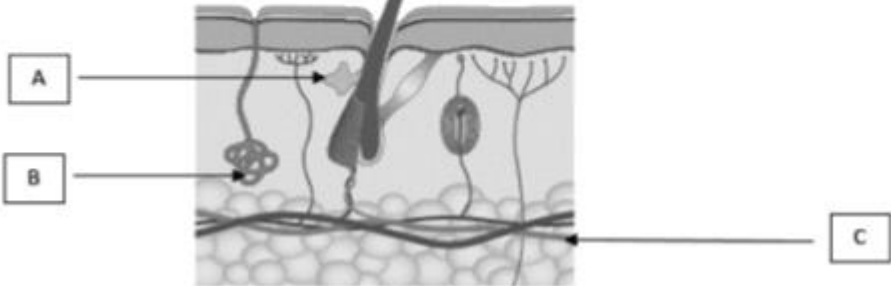
**6002-30-030/530 Level 3 Advanced Technical Diploma in Barbering (450) – Theory Exam**

**June 2018**

1a	Name the test that is carried out to check the tensile strength of the cortex.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	Elasticity		1
1b	State the process for carrying out the test identified in part a).		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	Stretch/pull a few/one or two wet hairs (1) then release tension (1) to allow hair to return/or break (1).		2
2	Describe the main structure of the hair.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>6 marks</b>:</p> <p>The medulla (1) – the middle of the hair shaft (1), not always present in fine hair (1)</p> <p>The cortex (1) – provides the strength (1), holds colour molecules (1)</p> <p>The cuticle (1) – thin and colourless (1) multiple layers / overlapping scales (1) protection to the cortex (1).</p>	<p>A maximum of 2 marks can be awarded if <b>only</b> three structures listed</p> <p><b>OR</b> if descriptions provided are incorrect.</p> <p>Reference to structural bonds within cortex can <b>only</b> be awarded 1 extra mark.</p>	6

3	Describe safe working practices after a barbering service to reduce the risk of spreading infection.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>5 marks</b>:</p> <p>Remove any hair clippings from tools/equipment/work area after use (1), use a disinfectant/anti-bacterial spray on tools and equipment after use/place scissors and combs in a steriliser cabinet (1) cleaning cutting collar (1) place gowns and towels in the wash basket after use (1), wipe down the barber chair/work station with a disinfectant spray between clients (1), dispose of used razor blades in a sharps box (1), remove/dispose of all used paper neck strips/ cotton pads (1), wash hands thoroughly between clients (1), use PPE when relevant for the service/ when cleaning up after the service (1).</p>	Candidates <b>must</b> answer in the correct order to achieve full marks.	5
4	Describe the uses for the following products during facial hair cutting services:		
	<ul style="list-style-type: none"> <li>• Toner</li> <li>• Beard oil.</li> </ul>		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>5 marks</b>:</p> <p><b>Toner</b> - to close the pores (1) cools the skin (1) tightens the skin (1) helps to prevent irritation (1).</p> <p><b>Beard oil</b> - to help soften/condition (1) and tame/smooth the beard hair (1) to hydrate/moisturise/soften the skin (1).</p>	Candidate <b>must</b> make reference to both products to achieve full marks.	5
5a	Explain how growth patterns might affect a short beard and moustache service.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>4 marks</b>:</p> <p>Affect the finished shape / achievability of the style (1) – Style might have to be adjusted (1)</p> <p>Longevity of style (1) - growing out unevenly (1) and/ or untidily (1)</p> <p>Cutting technique (1) – method and direction might need to be adjusted (1) finish result looks even and balanced (1).</p>		4

5b	Describe the signs and symptoms of pediculosis capitis.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>3 marks</b>:</p> <p>Itching of the scalp, neck and or ears (1), signs of scratching on the scalp/ redness in part of the scalp around the ears/neck (1), lice might be visible/ movement of lice on the scalp/shoulders/hair brush/comb (1), visible signs of nits/eggs attached to the hair shaft close to the scalp (1).</p>		<b>3</b>
5c	What action should the barber take if the client has suspected pediculosis capitis?		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for <b>any</b> correct answer:</p> <p>The service cannot go ahead (1) refer the client to the chemist/pharmacist (1)</p>		<b>1</b>
6a	<p>Explain how the following factors might affect shaving services.</p> <ul style="list-style-type: none"> <li>• Comedone.</li> <li>• Dehydrated skin.</li> </ul>		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>6 marks</b>:</p> <p><b>Comedone</b> – if mild and not raised then cleanse the face prior to the shaving service (1), use non-oily products for the shave (1), use hot towels to open the pores (1), use cold towels after the shave to close the pores (1), apply after - shave tonic (1). If badly affected with raised/infected bumps the service might not be able to go ahead (1), refer to GP (1) advise to regularly use a mild exfoliant (1) and anti-bacterial cleanser (1)</p> <p><b>Dehydrated skin</b> – massage with a pre-shave oil (1), use hot towels to soften the skin and prepare for shave (1), use moisturising lather (shaving gel) (1), apply gentle strokes during the shave (1), only go over once to avoid irritation* (1), use cold towels to cool down the skin and help prevent irritation (1), massage with an aftershave moisturiser (1).</p>	<p>A maximum of 4 marks can be awarded if <b>only</b> one factor is explained.</p> <p>Candidate can <b>only</b> achieve a maximum of 4 marks per factor.</p>	<b>6</b>

6b	Identify <b>three</b> effects on blood flow when carrying out a full shaving service.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>3 marks</b>:</p> <ul style="list-style-type: none"> <li>• Blood flow will circulate more efficiently (1)</li> <li>• Aids the removal of toxins (1)</li> <li>• Blood pressure will drop (1)</li> <li>• Heart/pulse rate will slow down (1)</li> </ul>	Accept <b>any</b> three responses from the ones listed.	<b>3</b>
7	<p>Label the diagram of the hair and skin.</p> 		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p>A = Sebaceous gland  B = Sweat gland  C = Veins/Arteries/blood vessels/capillaries</p>		<b>3</b>
8	State the process for balancing and shaping sideburns.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>3 marks</b>:</p> <p>Visually check using thumbs and /or fingers (1), use comb to check hair weight (1), line up finish length with a central point/ facial feature (1), curve outline following the contours of the face (1), follow natural growth outline (1).</p>		<b>3</b>

9a	Explain how a short-graduation haircut with a fringe can be adapted for a client with a widow's peak.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>3 marks</b>:</p> <p>Adjust hair length to natural fall to give an even effect (1), maintain weight/bring more hair forward to prevent the fringe sticking out (1), leave the fringe longer to allow for hair springing up (1), change style to a partial fringe (1).</p>		<b>3</b>
9b	Explain how a short uniform layered haircut can be adapted for a client with a double crown.		
	<b>Acceptable answer(s)</b>	<b>Guidance</b>	<b>Max mks</b>
	<p><b>1 mark</b> for each correct answer, up to <b>3 marks</b>:</p> <p>Leave more length on the crown area to prevent the hair sticking up (1), leave the uniform layers a longer length all over (1), adjust cutting techniques to texturise ends while maintaining weight (1), cut shorter/incorporate the growth pattern into the style/ adjust style direction (1).</p>		<b>3</b>

10 A client has fine type 1 blonde hair and a high forehead; he has facial hair growth with a mole close to the chin. He has brought in the picture below of how he would like his hair and facial hair cut.



Discuss options for achieving the look taking into account the above factors.

**Acceptable answer(s)**

**Guidance**

**Max mks**

**Indicative content:**

Candidate discussion may include, but not be limited to the following:

**Consultation considerations and possible implications that may impact on the service and the hair classification, with reference to:**

- Hair analysis: hair length, hair condition; growth patterns; hair classification including the client's type 1; characteristics; possible adverse hair conditions and influencing factors, possible signs of alopecia, product build-up
- Skin analysis: look for signs of any additional adverse skin conditions and contra-indications eg in growing hairs, piercings, tattoos, scalp conditions, eg dry/oily,
- Carrying out hair tests and diagnosis
- Client requirements, suitability, achievability, costs, time, maintenance

**Client understanding/satisfaction:**

- Exploration and recommendations for service taking into consideration face shape – high forehead, hair texture and colour; mole on the face
- Seeking client agreement and satisfaction with the outcome

**Service, reference to:**

- Hair preparation
- Facial hair & skin preparation

**Band 1 (1 – 4 marks)**

Response covers a narrow range of considerations, with little or no reference to the implications on the achievability of the hair and beard style. Tenuous links to use of products. Cutting tools and techniques and their suitability are evident/loosely linked to the overall style achievability.

To access higher marks in the band, the response will contain mostly relevant points and appropriate action. Examples will be limited with little or no justification.

**Band 2 (5 – 8 marks)**

The response makes a reasonable attempt to cover the main considerations and implications of the achievability of the style and some justifications.

Discussion is mostly relevant and likely to be detailed in some areas more than others; reference to consultation considerations, products, hair and beard services, tools and equipment, techniques and any adjustments to the services could be made. Clear knowledge of topics is evident

12

	<ul style="list-style-type: none"> <li>• Hair cutting tools and equipment and suitability for style requirements and hair classification</li> <li>• Facial hair cutting tools and equipment and suitability for hair and skin</li> <li>• Shaving tools and equipment and suitability for hair and skin, with reference to outlines</li> <li>• Drying tools and equipment</li> <li>• Product selection, usage, techniques and finishing techniques</li> <li>• Cutting and shaving techniques and suitability</li> <li>• Personalisation of the look to the client</li> </ul> <p><b>Aftercare advice:</b></p> <ul style="list-style-type: none"> <li>• Recommendations on maintenance, products, return visits</li> </ul>	<p>although linkages between these may be fragmented and lack coherency. Discussion recommendations and opinions are offered with use of some examples in parts; content is mostly factually accurate. The overall discussion is presented in a clear format and the use of terminology is appropriate.</p> <p>To access higher marks in the band, the discussion will generally be detailed and contain relevant justifications. The overall discussion is presented clearly and with some logical structure.</p> <p><b>Band 3 (9 – 12 marks)</b> Detailed response which covers a wide range of considerations, implications of the achievability of the style and includes justification. A comprehensive discussion which incorporates the relevant consultation considerations and their impact on the service; comparisons are drawn on the effects and limitations for a wide range of products, cutting and shaving tools and equipment and techniques including reference to credible adaptations and suitability. Aftercare advice was tailored to the client with clear and appropriate reasoning for recommendations. The discussion is coherent and supported by accurate factual content and clearly defined examples. Relevant use of accurate terminology and the overall discussion is presented in a clear and structured format.</p> <p>To access higher marks within the band, the response will be well balanced, comprehensive and the recommendations will be fully justified.</p>	
--	---	---	--