

AN ROINN OIDEACHAIS AGUS EALAÍOCHTA

Leaving Certificate Applied 2001

Vocational Specialism — Hair Care

(240 marks)

Tuesday, 12th June, 2001

Morning 11.30 am to 1.00 pm

General Directions to Candidates

1. Write your EXAMINATION NUMBER in this space:

2. WRITE ALL ANSWERS INTO THIS ANSWER BOOK.

3. Candidates must attempt FOUR questions.One question from each of the four sections.

Each question carries 60 marks.

**Marking Scheme
and
Sample Answers**

For the Examiner only

Question	Mark		
1		1. Total of end of page totals	
2		2. Aggregate total of all disallowed Question(s)	
3		3. Total mark awarded (1 minus 2)	
4		4. Bonus mark for answering through Irish (if applicable)	
5		5. Total mark awarded if Irish Bonus (3+4)	
6		Note: The mark in row 3 (or row 5 if an Irish Bonus is awarded) must equal the mark in the Mór-Iomlán box on the script.	
7			
8			
Total			

Section 1 – Hair Care and Personal Presentation

(Attempt Question 1 or Question 2 from this section, each question carries 60 marks)

1. (a) Outline the routine which should be followed by the hairdresser in order to maintain:

1. a high standard of hygiene in a salon; **4 x (3 marks)** (12 marks)

e.g. Daily cleaning of work areas - reception, work stations, etc...

Sterilisation of tools/equipment

Daily washing of gowns/towels, etc...

Keep floors free of hairs etc.../Wash daily

Daily cleaning of salon toilet facilities

Empty bins daily, wash and disinfect regularly.

2. a high standard of personal hygiene. **4 x (3 marks)** (12 marks)

e.g. Body - shower/bath daily

Deodorants - use regularly

Hands/Nails - clean, well manicured

Oral hygiene - fresh breath, regular brushing

Clothes - clean, fresh

Feet - clean, suitable footwear, etc...

(b) Outline the procedure which should be followed if a client suffered an irritation/injury as a result of a chemical running into the eye. (12 marks)

e.g. Reassure client **4 x (3 marks)**

Rinse area with running water

If severe, seek medical advice (keep record of chemical)

Inform manager/supervisor.

(c) Why is it important to keep a record of accidents in the salon? (6 marks)

e.g. To meet Health and Safety at Work Regulations

To keep precise details of the incident

In case of legal action etc...

(d) What authority does this symbol represent? (6 marks)

Health and Safety Authority



(e) Name two emergency services.

2 x (6 marks) (12 marks)

1. **e.g. Fire Brigade, Gardaí, Ambulance, Coastal Rescue,**

2. **Cliff and cave rescue, etc...**

2. (a) Describe the cleansing action of shampoo. (8 marks)
e.g. Detergent molecules and water surround the hairs and scalp.
Dirt and grease are removed by agitation and rinsing.

(b) Name five different types of shampoo and suggest a different use for each. (15 marks)

<i>Types</i>	<i>Use</i>
1. e.g. Johoba, Coconut, etc...	e.g. Treats dry hair
2. e.g. Camomile, Lemon, etc...	e.g. Treats greasy hair
3. e.g. Treatment Shampoo	e.g. Treats specific problems - dandruff, excessive greasiness etc...
4. e.g. Medicated Shampoo	e.g. Treats certain conditions - antiseptic properties.
5. e.g. Pre-perm Shampoo	e.g. Used prior to perming

Expect 5 different types @ (2) marks each.

Expect 5 appropriate uses @ (1) mark each.

- (c) List **three** common additives in shampoo and explain the purpose of **each** additive. **Expect 3 named additives @ (3) marks each.** (15 marks)
Expect an appropriate purpose @ (2) marks each.

<i>Additive</i>	<i>Purpose</i>
1. <u>e.g. Detergents</u>	<u>e.g. Remove dirt and grease</u>
	<hr/>
	<hr/>
2. <u>e.g. Emollients, Oils etc...</u>	<u>e.g. Soften and condition hair</u>
	<hr/>
	<hr/>
3. <u>e.g. Proteins</u>	<u>e.g. Help to repair split ends</u>
	<hr/>
	<hr/>

- (d) Why are conditioners used in hairdressing? **2 x (4 marks)** (8 marks)
e.g. Smooth/soften the hair cuticle

Give hair more resilience

Detangle hair

Repair damaged areas of the cuticle/cortex etc...

- (e) List **three** basic types of conditioning lotion. **3 x (2 marks)** (6 marks)

1. e.g. Surface conditioner
2. Penetrating conditioner
3. non-penetrating, restructurants, etc...

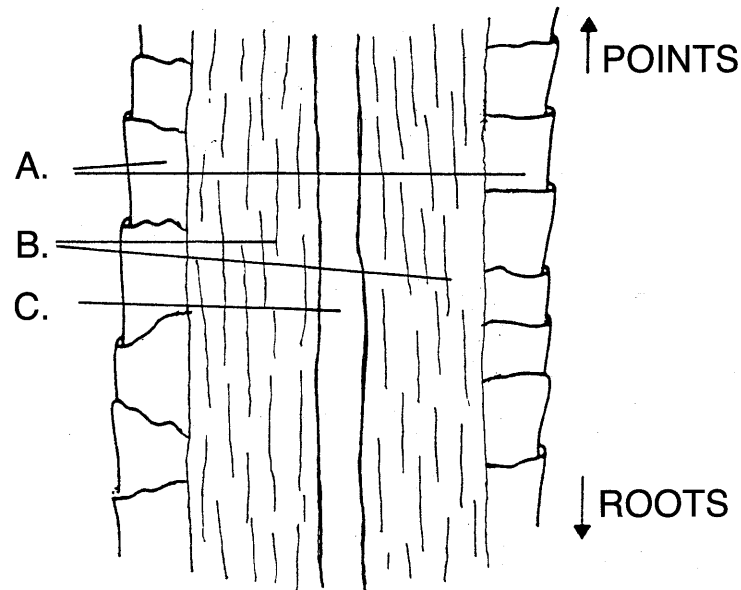
- (f) What does the pH scale measure? (8 marks)
e.g. It measures acidity/alkalinity on a scale from pH 1 to pH 14.

Section 2 – Introduction to a Career in Hairdressing

(Attempt Question 3 or Question 4 from this section, each question carries 60 marks)

3. (a) Hairdressing services are provided in different locations e.g. salons.
List 4 other locations. **4 x (3 marks)** (12 marks)
1. **e.g. Homes, Hospitals,** _____
 2. **Barbers, mobile units,** _____
 3. **T.V. Studios, Stage/Theatre,** _____
 4. **Hotels, Cruise liners, etc...** _____
- (b) Give **three** reasons why manufacturers of hairdressing preparations employ hairdressers. **3 x (4 marks)** (12 marks)
1. **e.g. Increase sales, Develop new products,** _____
 2. **Contribute expertise,** _____
 3. **Create image - for PR/Marketing purposes.** _____
- (c) List the career options for hairdressers within the manufacturing industry. **3 x (4 marks)** (12 marks)
- e.g. Product Technicians** _____
- Research and Development** _____
- Sales representatives, Promotional/Marketing, etc...** _____
- (d) Why is it important to maintain a good working relationship with colleagues in a salon? **3 x (4 marks)** (12 marks)
- e.g. Create a positive/professional atmosphere in the salon,** _____
- Builds team spirit, Reduces conflict** _____
- Ensures smooth running of salon and on-going success.** _____
- (e) Give **two** important guidelines to follow when dealing with a difficult client. **2 x (6 marks)** (12 marks)
- e.g. Remain calm, be polite and understanding** _____
- Listen. Inform manager/supervisor** _____
- Remedy the situation** _____

4. This is a simple diagram of the structure of the hair.



(a) Name the three layers indicated by the letters A, B, C. **3 x (3 marks)** (9 marks)

- A. **Cuticle**
- B. **Cortex**
- C. **Medulla**

(b) State the function of each layer. **3 x (5 marks)** (15 marks)

- A. **e.g. The Cuticle is the outer layer which protects the cortex**
- B. **The Cortex is the inner layer which gives hair its strength and where chemical action takes place.**
- C. **The Medulla is the central portion of the hair. It is not always present and serves no useful purpose.**

(c) Outline the average hair growth cycle. (6 marks)

- e.g. Over a period of time, hair actively grows (anagen phase), then growth stops, rests (catagen phase). Finally, hair degenerates and falls out (telogen phase) and a period of regrowth begins again.**

(d) Write a note on any **two** of the following:

2 x (9 marks)(18 marks)

- (i) lanuga hair;
- (ii) vellus hair;
- (iii) secondary or terminal hair.

1. **e.g. (i) Lanuga hair - fine, downy hair that covers the body of an unborn child. It is lost just before birth.**
(ii) Vellus hair - fine short, fluffy hair that covers most parts of the body.
2. **(iii) Secondary or terminal hair - longer, coarser hair found on the head, faces of men, in ears and nostril and in the pubic region, etc...**

(e) What makes hair lose its elasticity?

2 x (6 marks)(12 marks)

e.g. Overprocessing

Greying of hair

Medical conditions etc...

Section 3 – Basic Skills and Safety in the Salon

(Attempt Question 5 or Question 6 from this section, each question carries 60 marks)

5. The reception area is the first and last point of contact for every client.

(a) List the tasks which are carried out and the services available to clients at the reception area of the salon.

1. *tasks carried out in reception area.* **4 x (2 marks)** (8 marks)

e.g. Answering the phone

Managing the appointments diary

Receiving clients. Allocating stylists

Maintaining client record system,

Product sales/Stock control etc...

2. *services available in the reception area.* **4 x (2 marks)** (8 marks)

e.g. Client consultation. Appointments

Product sales

Gift Voucher Service

Refreshments

Payment facilities etc...

(b) List **four** ways in which a client may be made feel welcome. (12 marks)

1. **e.g. A friendly greeting from staff.** **4 x (3 marks)**

2. **Prompt consultation with a stylist**

3. **Offer of refreshments**

4. **Comfortable seating/selection of magazines, etc...**

(c) What information is required from a client who is making an appointment?

4 x (2 marks) (8 marks)

e.g. Name of client

Contact telephone number

Date/Time of appointment

Name of stylist

Service required

- (d) Show your skills in using time effectively when entering each of the following services in the appointments diary. **6 x (4 marks) (24 marks)**

Expect all services to be correctly entered in the diary

Client's Name	Service	Day/Time	Stylist
P. Burke	Shampoo and blow dry	Monday – first appointment	Joan
E. Byrne	Cut and blow dry	Monday – 11.15	David
S. Smith	Perm, cut and blow dry	Monday – any time	David
F. Cullen	Colour, cut and blow dry	Monday afternoon	Pat
J. O'Shea	Cut and blow dry	Monday a.m.	Joan
H. Clarke	Highlights, cut and blow dry	Monday a.m.	Pat

APPOINTMENTS DIARY

Day	Stylist	Joan	David	Pat
8	.30			
	.45			
9	.00			
	.15			
	.30			
	.45			
10	.00			
	.15			
	.30			
	.45			
11	.00			
	.15			
	.30			
	.45			
12	.00			
	.15			
	.30			
	.45			
1	.00			
	.15			
	.30			
	.45			
2	.00			
	.15			
	.30			
	.45			

6. Good cutting tools are essential in order to achieve the required effect.

(a) What guidelines should be followed when buying cutting tools for hairdressing?
4 x (2 marks) (8 marks)

e.g. Suitable for purpose. Good Quality

Reliable brand. Comfortable to use.

Consider cost. etc...

(b) Name the cutting tools required for hairdressing. **2 x (3 marks) (6 marks)**

e.g. Scissors/Combs, clippers, razors, etc...

(c) Outline the effect achieved when using any two of the tools named. (10 marks)
2 x (5 marks)

1. **Expect full explanation relevant to two named tools**

2. _____

(d) Explain each of the following hairdressing processes. **6 x (6 marks) (36 marks)**

1. Tapering **is a process which involves cutting hair so that it tapers easily to a point and unwanted weight is removed**

2. Club-cutting **is a method of cutting hair sections bluntly, straight across.**

3. Reverse graduation **refers to a graduated line achieved by cutting shorter lengths at the lowest layers and longer lengths at the higher layers**

4. Layering **is a process which involves cutting sections of hair to similar lengths to achieve a uniform shape**

5. Trimming **is the removal of small amounts of hair, usually done to retain the original cut style**

6. Re-styling **means to produce a completely new hair shape**

Section 4 – Setting, Dressing and Knowledge of Perming and Cutting

(Attempt Question 7 or Question 8 from this section, each question carries 60 marks)

7. (a) Explain what is meant by roller setting? (12 marks)

Expect full explanation for full marks.

e.g. Roller setting is a method of inserting rollers of various sizes into damp hair in order to achieve predetermined effects i.e. curls, volume etc...

- (b) Why are rollers used when setting hair? **2 x (5 marks)** (10 marks)

e.g. Achieve volume, fullness, curl, etc...

Create a smooth style

Increase movement, bounce, etc...

- (c) List the guidelines which a hairdresser should follow when roller setting hair, in order to achieve the required result. **5 x (2 marks)** (10 marks)

e.g. Hair should be damp

Section hair to roller size

Select correct roller size to achieve desired effect

Secure roller correctly, Cover with a hair net

Choose correct drying temperature/time

- (d) Give **two** possible mistakes which could be made when roller setting hair. **2 x (3 marks)** (6 marks)

Possible mistakes

1. **e.g. Fish hooks**

Incorrect amount of hair on rollers

2. **Pins not correctly inserted**

Rollers not secured - dragged or flat effect

- (e) What precautions could be taken in order to achieve a satisfactory result?
4 x (2 marks) (8 marks)

Precautions

e.g. Care should be taken to follow the correct procedure

Comb a section of hair no wider than the roller in use

Do not overstretch the hair

Do not move hair from side to side when winding, etc...

- (f) Name **two** setting aids which can be applied to hair before setting. (8 marks)

1. **e.g. Setting lotions, Sculpting creams,** **2 x (4 marks)**

2. **mousses, gels, waxes, sprays, etc...**

- (g) Tick whether each of the following statements are true or false. (6 marks)

	True	False
1. Afro-Caribbean hair does not usually blow-dry successfully unless it has been temporarily straightened by soft pressing first.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. A conditioning blowstyling lotion ensures a more durable style and helps reduce static electricity.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3. Lacquer or shine should not be applied to <i>flyaway</i> hair.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

8. Overuse of water, electricity and other resources is wasteful and can cost money.

(a) Outline **two** ways in which **each** of the following resources can be saved.

3 x (6 marks) (18 marks)

Water

1. **Expect 2 points @ (3) marks each**

2. **e.g. Turn off water when not in use.**
Avoid dripping taps. etc...

Electricity

1. **Expect 2 points @ (3) marks each**

2. **e.g. Use energy-efficient appliances, light bulbs,**
Turn off appliances when not in use. etc...

Hairdressing products

1. **Expect 2 points @ (3) marks each**

2. **e.g. Use correct amount of any product**
Use pump dispensers. etc...

(b) Explain the difference between hard and soft water. (12 marks)

e.g. Hard water contains dissolved calcium and/or magnesium in
the form of bicarbonates, chlorides and sulphates. Soft water
is free from the above.

(c) State how hard water in an area can create problems for the hairdresser.

3 x (4 marks) (12 marks)

e.g. Scaling of water pipes and heating elements. Limescale build-up can block showerheads. Difficult to form lather with soap/wasteful of resources. Forms a scum on wash basins etc...

(d) In what way can the problem of hard water be rectified?

(12 marks)

Expect the problem to be rectified for full marks.

e.g. Addition of commercial water softener etc...

(e) How can the hairdresser play a part in saving the ozone layer?

(6 marks)

e.g. Use CFC-free, ozone friendly products,

Safe disposal of aerosols,

Avoid overuse of disposables etc...
