

Last minute revision

Justify your answers = use the words because, therefore, while, to extend on your sentence and understanding.

Litmus paper/Universal indicator – explain how to use them and what the results show

Hair, skin, nails = pH 4.5-5.5 Acid 0-6.9 (closes cuticle) Alkaline 7.1-14 (opens cuticle) 0 = Neutral

Hair structure = Cortex = strength (elasticity test) Cuticle = porous/dry (porosity test) Medulla = no use - Hair pull test

Shampoo molecule =Hydrophilic loves water (water loving head) Hydrophobic hates water (grease loving tail) forms an emulsion to allow water and oil to mix

Sunscreen SFP, broad spectrum (both UVA/UVB), UVA Dermis (wrinkles) UVB Epidermis (burns skin)

Sunblock absorbs or reflects the harmful rays and factors protects your skin

Exfoliators – physical (beads/sands – home use) chemical (contains acid to break down skin cells-professional use)

Ingredients in products and their functions – Parabens – stop mold, Mineral oils – stop skin dehydrating, Emollient –smooths flakey skin, Oxidising agents – Peroxides – activates colour, Stabilisers - shelf life, Depilatory - Removal of unwanted hair, Paraphenylenediamine - Pigment used in permanent hair colours (Paradyes), Antiseptics - prevents infection – Sudocrem/Savlon, Humectants – preserve's moisture, UV filters - Absorbs or reflects UV rays, Pigments – adds colour to products, Emulsifiers - mixes immiscible products (oil & water), Exfoliators - Removes dead skin – scrubs/peels, Stimulating - To encourage growth and skin cell repair, Astringents - A drying effect on skin – removes oil like spot solution, Hydrating - Adding moisture, Hypoallergenic - Tested to reduce allergic reactions, Non-comedogenic – Minimises the clogging of pores/anti-acne, Soothing - Calming to reduce erythema (redness), Regenerating - Encourages cell renewal, Dihydroxyacetone (DHA) – Pigments used in tanning products

Allergic reactions – skin tests carried out behind ear, anaphylaxis shock very dangerous, Hypoallergenic = contains less allergens, which make people have reactions. Contact dermatitis skin condition on hands caused by shampoo

Animal testing - RCSCA, PETA companies save them, use Episkin now reconstructed tissue

Anagen, Catagen, Telogen (ACT) – stages of hair growth

Function of the skin SHAPES (sensation, heat, absorption, protection, excretion, secretion)

Epidermis (1st layer contains x5 layers horny, clear, granular, prickle cell, basal cell), Dermis (2nd thickest layer contains everything) hypodermis (fatty layer, protects areas, keeps areas warm, attaches to the other layers to support)

Dermis has everything such as the hair follicle – where hair grows from, sweat glands – produces sweat to regulate temperature, sebaceous glands – produces sebum to stop skin drying out, nerve endings – sensations such as hot/cold/touch/feel/pain/, blood vessels – carries nutrients and waste, erector pili muscle – pulls hair up if cold.

Nail plate – protects the nail bed like a shield, Nail bed – provides the blood supply and nourishment, Nail cuticle – protects the Matrix from bacteria, Matrix – responsible for producing cells that become the nail

plate, Lunula – visible part of the nail root (white half-moon), Hyponychium – works as a seal to protect the nail bed from bacteria, Free edge – protects fingertips, Nerve endings – provides sensation.

Pathogens- what are they? They are disease causing micro-organisms and a virus (germs), wear gloves, goggles, plasters or face masks to avoid entry. Ear wax, nose hair, tear ducts, mouth saliva helps traps pathogens. White blood cells help fight infections

Non-contagious diseases, what are they and can you describe them? Trichorrhexis nodosa (damaged hair), Monilethrix (beaded hair), alopecia, keloid scars, Androgenic alopecia (male pattern baldness), Pityriasis capitis (dandruff), Vulgaris/rosacea (acne), Dermatitis – psoriasis & eczema

Contagious diseases – Bacterial = impetigo, carbuncles, folliculitis. Fungal = Tinea capitis (ringworm), Tinea unguium, Tinea pedis (athletes' foot) Viral = herpes simplex, warts, verruca's. Infestations = Pediculosis capitis (head lice), scabies.

What aids the success of design (4 P's) = Product, price, promotion, place.

Promotional material types - Magazines/newspapers, Social media, Email, Business cards, Signage, Window displays, Product displays, Information Leaflets, TV, Web page.

12 mark question – do this first, write two or more pages, ask for more paper.

FEAST-P – write this under the question and tick each letter as you complete it.

Justify your answers = use the words because, therefore, while, to extend on your sentence and show your understanding.

Each question is different so relate the below to your question given with examples of why:-

Financial – Mention these words – budget, viability, timescales, cost v profit, economy, pricing structures

Ethical and social – consider the diversity and equal opportunities – gender, age, race, religion, sexual orientation, disability, religious beliefs. Save the planet:- Episkin, tested on animals, organic products, recycled materials.

Acts of law – Which is important to consider for your question given and explain why? Use the word **COMPLIES** with the Health & Safety Act, Trades description Act, Online safety and security Act, Data protection Act, Sales of goods Act, Equality, Marketing and advertising Act, Consumer safety Act.

Staffing and business – Employed/self employed staff, skills and qualifications needed, staffing structures based on age and experience, link to other businesses (plumbers, electricians, printers, wholesalers, manufactures, journalists, colleges, solicitors, estate agents, IT experts, catering),

Target audience – What age/gender is the question related to? Be specific in your responses. Location, the design, colours, writing, prices, and décor to suit the chosen audience explain what you think suits and why.

Promotional materials – Compare them to other promotional materials (like coursework), design factors – logo, branding, colours, font, interactive appointment booking system, benefits of social media, mobile friendly, QR codes, links to other businesses (printers, logo designers, photographers, journalists), target market consider.