



**General Certificate of Education (A-level)
June 2011**

**Design and Technology:
Textiles**

TEXT3

(Specification 2560)

Unit 3: Design and Manufacture

Final

Mark Scheme

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation events which all examiners participate in and is the scheme which was used by them in this examination. The standardisation process ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for standardisation each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed and legislated for. If, after the standardisation process, examiners encounter unusual answers which have not been raised they are required to refer these to the Principal Examiner.

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Question	Marking Guidance	Marks
<p>0 1</p>	<p>Micro encapsulation is the process of engineering microscopic capsules containing some form of beneficial chemical or vitamins to attach around fibres or onto fabrics. With micro fibres these capsules can be inserted into hollow fibres. When used in products, rubbing activates the capsules and the beneficial agents begin to function.</p> <p>Products could include perfume fabrics, odour eating socks and footwear, massage tights and other body-care systems, aromatherapy textiles, perfumed lingerie for example Bayscent® by Bayer, bedding products including anti-microbial, thermo-chromic fabrics, temperature regulation, medical healing products.</p> <p>Low mark range Limited and simplistic explanation of micro encapsulation, some inaccuracies in explanation. Limited and simplistic explanation of micro encapsulated products, limited range of products some inaccuracies in explanations of products. Sentences and paragraphs may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of micro encapsulation. Some accurate information but there is an overall lack of detail. Response reflects some understanding. A more thorough explanation of micro encapsulated products. Some accurate information and a reasonable range of products given. Response reflects some understanding. Candidates express straightforward ideas clearly, if not always fluently. There may be a small number of errors of grammar, punctuation and spelling.</p> <p>High mark range An in-depth answer, detailed and accurate explanation of micro encapsulation. Response illustrates a very good understanding of the term. An in-depth answer, detailed and accurate explanation of micro encapsulated products. A wide range of products has been included as examples. Response illustrates a very good understanding of these products. Candidates will have expressed complex ideas extremely clearly and fluently. Arguments are relevant and well structured, few if any errors of grammar, punctuation or spelling.</p>	<p>(0 – 2 mark)</p> <p>(3 - 4 marks)</p> <p>(5 - 7 marks)</p>

<p>0 2</p>	<p>Describe three different modern developments in textile performance sportswear. Explain the advantages that each has brought to the performance sportswear market.</p> <p>Examples given for performance sportswear are examples of new developments and are clearly different. They may include PCM materials and other temperature sensitive materials, breathable membranes e.g. Goretex® or Sympatex®, Speedo Fastskin®, interactive electronic sportswear e.g. ski wear with tracking devices, monitoring sportswear incorporating sensors, Stomatex® breathable diving suits, lycra if explained clearly with good examples given.</p> <p>Low mark range Limited and simplistic description of each new development for performance sportswear. Some inaccuracies in explanations given of the advantages of these developments, not all examples are suitable for performance sportswear. Sentences and paragraphs may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough description of each new development for performance sportswear. Some accurate information but there is a lack of detail. Response reflects some understanding of performance sports products. Candidates express straightforward ideas clearly, if not always fluently. There may be a small number of errors of grammar, punctuation and spelling.</p> <p>High mark range An in-depth answer, detailed and accurate description of each new development for performance sportswear. Response illustrates a very good understanding of performance sports products. Candidates will have expressed complex ideas extremely clearly and fluently. Arguments are relevant and well structured, few if any errors of grammar, punctuation or spelling</p>	<p>(0 – 2 mark)</p> <p>(3 – 4 marks)</p> <p>(5 - 7 marks)</p> <p>Maximum 3 x 7 marks</p>
<p>0 3</p>	<p>Information is accurate for the choice of decade. Dates are correct, clear explanation given on the influence of selected decade.</p> <p>Decade highlights – details that may be included in responses:</p> <p>1900 - 1910: Edwardian Era, S bend corsets, the belle époque, symbolic silhouette, large plummed hats, high necked blouses, lace, Art Nouveau patterns, Designers: e.g. Worth, Lanvin, Doucet</p> <p>1910 - 1920: Trousers, hobble skirts, smaller hats, turbans, oriental pantaloons, influence of Ballet Russe and Leon Bakst, oriental and exotic influences, lampshade tunics, practical clothes reflecting the interest in sports and motoring, empire line, ankles were seen and skirts became shorter, jersey fabric, modern art influences, Designers: e.g. Poiret, Lucile,</p>	

03	<p>1920 – 1930: Androgynous dressing, short skirts, straight lines, slip-on frocks, chemise frocks, low waistlines, bobbed hair, flat boyish bodies, flappers', Chanel's use of jersey, pyjamas, trousers, feathered fans, costume jewellery, evening scarves, cloche hats, crepe de chine, sportswear, bathing suits, Art Deco patterns, jazz age, Designers: e.g. Chanel, Vionnet, Patou, Lanvin,</p> <p>1930 – 1940: Dominance of Hollywood and screen stars, influence of the Surrealist movement, Tuxedos, fitted body shapes flaring into petal shapes, wrapped styles, strong shoulders known as the 'coat hanger' silhouette, fastenings became features, zip fastener, bias cut dresses, rayon tulle, small pill box style hats, satin, waists were evident, suits, Designers: e.g. Charles James, Chanel, Schiaparelli, Molyneaux,</p> <p>1940 – 1950: Wartime and utility clothing, rationing, economic restraint, make do and mend, shirt waist dresses, women in uniforms, synthetic fabrics including nylon, recycling and re using, military inspired suits, accessories grew in importance, the shoulder bag, wooden soled shoes replaced leather, Late 40's Paris tiny waists, full skirts and sloped shoulders, Dior's New Look, hourglass silhouette, under bodices, asymmetric styles, Designers: Molyneux, Hartnell, Hardy Amies, Dior, Balenciaga,</p> <p>1950 – 1960: The hourglass shape continued with tiny waists and visible curves, corsetry, creation of the teenage and youth market, the trumpet skirt, synthetic fabrics, British woollen cloths, collarless Chinese jackets, black and white, the LBD, re launch of Chanel, colour co-ordinated accessories, large and veiled hats, the Trapeze line, teenage styles drainpipe trousers, Capri pants, swing skirts, sweaters, flat shoes, denim and gingham, science inspired prints, sophisticated couture, Designers: Dior, Givenchy, Balmain, Balenciaga, Madame Gres, Chanel, YSL,</p> <p>1960 – 1970: Swinging sixties, London, the catsuit, topless swimsuit, Twiggy, mods and rockers, bright psychedelic colours, miniskirt – one of the first street fashions, baby doll dresses, the sack dress, space age and futuristic inspired, Pop Art influences, Optical illusions and black and white, geometric prints, Biba, Le smoking jacket, paper dresses, silver, pvc, plastic, Chanel suits, Designers: Paco Rabanne, Mary Quant, Andre Courreges, Cardin, YSL, Ossie Clark and Celia Birtwell, Emilio Pucci, Chanel</p> <p>1970 – 1980: Punk fashion, anarchy and experimentation in street fashion, glam rock, platform shoes, longer midi and maxi skirts, patterned fashions, oriental and ethnic influences, hippie movement, Lifestyle concepts, building a brand around an image. Loon pants, smocks, Laura Ashley dresses, embroidery, cheesecloth, glam rock, disco fashion, wrap dress. Designers: Zandra Rhodes, Vivienne Westwood, Bill Gibb, Ossie Clark, Yamamoto, Ralph Lauren</p>
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03	<p>1980 – 1990: Power dressing – padded exaggerated shoulders, exaggerated suits,/ neo romantics, pirate/historical influences – music like Adam Ant. City/financial world – Italian suits – American gigolo – rise of Armani – logos. Batwing sleeves. Rise of new york designers – calvin Klein/Donna Karen (the body) protest t shirts Katherine hamnett – eco/organic Christian Lacroix/Thierry Mugler Influence of Japan – yammamoto/Issy Miyake/Kenzo</p> <p>1990 – 2000: Grunge sub culture, growth of accessories, supermodels, bootleg trousers, leggings, longer skirts, lifestyle concepts, bumpster trousers, environmental issues, Belgian de constructed clothing, Prada nylon bag, Fendi baguette, brand awareness, recycling, anti fur, androgyny, hip-hop youth style, global manufacturing, influence of the internet, Designers: Calvin Klein, Ralph Lauren, Alexander McQueen, Martin Margiela, Ann Demeulemeester, Gucci, Hussein Chalayan, Prada</p> <p>Low Mark Range: Limited response with little detail about selected decade, little or no reference to designers, creators, textile products (colours, shapes, styles, fabrics, prints), wider social influences and little reference to the influence the chosen decade has had on the history of fashion and textile design. Sentences may not always be well connected. Arguments stray from the point or are weakly presented. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid Mark Range Reasonable information about selected decade, some reference to designers, creators, textile products (colours, shapes, styles, fabrics, prints), wider social influences and some reference to the influence the chosen decade has had on the history of fashion and textile design. Sentences are reasonably well connected. Candidates express straightforward ideas clearly, if not always fluently. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High Mark Range Detailed information about selected decade, accurate reference to designers, creators, textile products (colours, shapes, styles, fabrics, prints), wider social influences and detailed reference to the influence the chosen decade has had on the history of fashion and textile design. A very good understanding is evident in response. Candidates will have expressed complex ideas extremely clearly and fluently. Sentences and paragraphs follow on from one another smoothly and logically. Arguments are relevant and well structured. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0 – 5 marks)</p> <p>(6–10 marks)</p> <p>(11-16 marks)</p>
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<p>0 4</p>	<p>Choice of designer is clearly influential. Information given of textile products created by named designer is accurate. Designer & social change for example.</p> <p>Low Mark Range: Limited response with little detail about selected designer. Little or no reference to the textile products produced by that designer. There may be some inaccuracies, possibly including dates and very limited descriptions given. Arguments stray from the point or are weakly presented. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid Mark Range Reasonable response with some detail about selected designer. Some reference to the textiles products produced by that designer and reasonably accurate descriptions and references to dates given. Sentences are reasonably well connected. Candidates express straightforward ideas clearly, if not always fluently. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High Mark Range: Detailed information about selected designer, accurate reference to the textiles products produced by that designer and accurate descriptions and references to dates given. Candidates will have expressed complex ideas extremely clearly and fluently. Sentences and paragraphs follow on from one another smoothly and logically. Arguments are relevant and well structured. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 4 marks)</p> <p>(5- 8 marks)</p> <p>(9- 12 marks)</p>
<p>0 5</p>	<p>Professional roles other than designer in textile retail organisations include garment technologist, visual merchandiser, merchandiser, buyer and sales manager. An understanding of a range of professional roles is clearly shown. Reference may be made to marketing.</p> <p>A garment technologist is responsible for ensuring that clothing is manufactured to the standards required by retailers. The garment technologist is skilled in many areas including pattern development and garment construction processes. Many manufacturers and retail companies have garment technologists working for them.</p> <p>The role of a visual merchandiser is a role that has responsibility for the displays within a store, they are responsible for the window displays, and this role is also responsible for the creative themes for displays within stores. They may be part of a team. Large retail groups have visual merchandisers working for them, but smaller independents often use freelance visual merchandisers.</p> <p>The merchandiser is concerned with stock planning, management and control and can also include responsibility for distribution and allocation to stores. The retail buyer has the responsibilities to purchase relevant stock at the right prices and at the right time. If the retail outlet is small the buyer may also be the owner. In larger organisations the buyer can be involved in the design, sourcing and production processes. The sales manager will oversee the sales team who are responsible for the selling of stock to the general public.</p>	

<p>0 5 (ctd)</p>	<p>Low mark range Limited and simplistic reference to professional roles other than designer within textile retail organisations. Very few key functions of different roles are referred to within responses. Some inaccuracies in explanation. Little understanding of roles. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough reference to professional roles other than designer within textile retail organisations. Some key functions of different roles are referred to within responses. Some accurate information but there is an overall lack of detail. Response reflects some understanding of roles. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range An in-depth answer, detailed and accurate reference to professional roles other than designer within textile retail organisations. The key functions of different roles are referred to within responses. Response illustrates a very good understanding of roles. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 2 marks)</p> <p>(3- 5 marks)</p> <p>(6- 8 marks)</p>
<p>0 6</p>	<p>Fashion products are risky, in that tastes and trends can change quickly and if too many of any one style are purchased there could be a great deal of unwanted stock left at the end of a season. Colour choices could also change within a season. Buying key looks at the right time are also very important. High fashion products may only appeal to a very specific market.</p> <p>Low Mark Range Limited response with little detail about the risks of buying Fashion products. Little or no reference to seasonal trends. There may be some inaccuracies, possibly including dates and very limited descriptions given. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid Mark Range Reasonable response with some detail about the risks of buying Fashion products. Some reference to seasonal trends. Reasonably accurate descriptions and references to dates given. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High Mark Range Detailed information about the risks of buying fashion products. Accurate reference to seasonal trends, and accurate descriptions and references to dates given. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 2 marks)</p> <p>(3 – 4 marks)</p> <p>(5- 6 marks)</p>



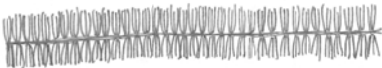

<p>0 7</p>	<p>A buyer or textile furnishings would need to consider the following issues: Budget and price points, time scales, range and function of products, what products need to co-ordinate, brand and/ or corporate identity, fashion influences, trends in furnishings, colour ranges, patterns – and pattern ranges, fabrics, textures, finishes, safety standards, new technological developments, suppliers and lead times, sustainability, competitors collections.</p> <p>Low mark range Limited and simplistic explanation of the issues that a buyer of textile furnishings would need to consider. Inaccuracies in explanation, little understanding or relevance shown in response. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of the issues that a buyer of textile furnishings would need to consider. Some accurate information but there is an overall lack of detail. Response reflects some understanding and points made are relevant. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range An in-depth answer, detailed and accurate explanation of the issues that a buyer of textile furnishings would need to consider. Response illustrates a very good understanding and points made are very relevant. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0 – 2 mark)</p> <p>(3 – 4 marks)</p> <p>(5- 6 marks)</p>
<p>0 8</p>	<p>Constraints that a designer may have to work within include: Wholesale product prices, fabric properties, and aesthetic appeal. Size and scale of prints, pattern repeats, colourways, fire safety standards, time scales, exclusivity, supplier availability, manufacturing processes. Supply chain + transportation / sustainability.</p> <p>Low mark range Limited and simplistic explanation of the constraints that a designer of textiles furnishings has to work within. Inaccuracies in explanation, little understanding or relevance shown in response. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of the constraints that a designer of textiles furnishings has to work within. Some accurate information but there is an overall lack of detail. Response reflects some understanding and points made are relevant. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range An in-depth answer, detailed and accurate explanation of the constraints that a designer of textiles furnishings has to work within. Response illustrates a very good understanding and points made are very relevant. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 2 marks)</p> <p>(3- 5 marks)</p> <p>6- 8 marks)</p>

SECTION B		
0 9	<p>Two different designs are illustrated that could clearly be manufactured by an adaptation from this pattern. Style changes could include adaptation for fit, addition of bust and or body darts. Additional yoke panels, pockets, pockets with flaps, addition of pleats. Changes to neckline, changes to collar design, for example a peter pan collar or adaptations to a bow tie neck. Changes to sleeve, lengthening of cuff. Widening sleeve shape, adding a gathered sleeve head. Style ideas are clearly linked to the original classic design.</p> <p>Low mark range Limited and simplistic designs that show little link to the original classic design. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range More detailed design ideas that show some link to the original classic pattern and adaptation from pattern templates. . Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range Detailed and accurate designs that show a clear link to the original classic pattern and could be clearly adapted from pattern templates. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0 -1 mark)</p> <p>(2- 3 marks)</p> <p>(4- 5 marks)</p> <p>2x 5 marks</p>
1 0	<p>The translucent fabric would mean that the seams are easily visible. Methods of seam finishes would need to be considered. Possible French or mock French seams or overlocking. Areas for stabilising will be an issue due to translucency and also fine, delicate fabrics could lead to distortion problems from components and style trims. Special needle may be required. Care taken when cutting out – possibly layers on sections of garment.</p> <p>Low mark range Limited and simplistic explanation of what would need to be considered when manufacturing a shirt made from silk chiffon. Some inaccuracies. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of the range of what would need to be considered when manufacturing a shirt made from silk chiffon. Some accurate information. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p>	<p>(0-1 mark)</p> <p>(2- 3 marks)</p>
1 0 (cont)	<p>High mark range An in-depth answer, detailed and accurate explanation of what would need to be considered when manufacturing a shirt made from silk chiffon. A range of accurate information given. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(4- 5 marks)</p>

<p>1 1</p>	<p>The care advice for a silk chiffon shirt would be as follows:</p>  <p>Silk chiffon is a very delicate fabric. The care advice would be no wash, chlorine bleach or tumble dry. A cool iron and Dry cleaning guidance, possibly with the addition of a low heat bar, (as seen in international labelling). Some silks have been prepared to be carefully hand washed or cleaned in a very low temperature wash, this would be accepted if explained.</p> <p>Low mark range Limited and simplistic explanation of the care advice and label for a silk chiffon shirt. Some inaccurate symbols. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of the care advice and label for a silk chiffon shirt. Some accurate information given. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range An in-depth answer, detailed and accurate care advice and label for a silk chiffon shirt. Very accurate information given. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 1 mark)</p> <p>(2- 3 marks)</p> <p>(4- 5 marks)</p>
<p>1 2</p>	<p>Choice of production systems must be one that is adaptable for change over to different designs quickly. For example a Progressive bundle system or a UPS or a QRM system. A smaller scale Section system would also be accepted. Clear description given of chosen system supported by a clear explanation. Reference may be made to automated processes and JIT systems.</p> <p>Low mark range Limited and simplistic description of chosen system suitable for a fashionable shirt. Inaccuracies in information given and a poor explanation of suitability of system. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough description of chosen system suitable for a fashionable shirt. Some accuracy in information given and a reasonable explanation of suitability of system. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range An in-depth answer, detailed and thorough description of chosen system suitable for a fashionable shirt. Accurate information given and an excellent explanation of suitability of system. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 2 mark)</p> <p>(3- 5 marks)</p> <p>(6- 8 marks)</p>

<p>1 3</p>	<p>The Health and safety executive, who are responsible to monitor standards of safety within organisations. They employ HSE inspectors who visit every commercial premise and public building to audit safety conformance to the HSE at work laws.</p> <p>Low mark range Limited and simplistic explanation of the HSE.</p> <p>Mid mark range A more thorough explanation of the HSE.</p> <p>High mark range An in-depth answer, detailed and accurate explanation of the HSE.</p>	<p>(0-1 mark)</p> <p>(2- 3 marks)</p> <p>(4 marks)</p>
<p>1 4</p>	<p>Reference may be made to the following: Responsibility of the employer - Every employer must have a nominated member of staff whose responsibility is the health and safety of that organisation. In the case of a small employer that role may be the owner or Chief Executive Officer or a company director. They are responsible for carrying out a risk assessment, staff training, maintenance of machinery, safe movement of personnel, fire evacuation, staff protection, and safe chemical storage. Reference to carrying out a risk assessment would be expected: A risk assessment is a review of potential hazards and an audit of the workplace, ensuring safe routes, staff training and information, audit of machinery, safe storage of chemicals (Control of substances hazardous to health). Reference related to manufacture: Health and safety requirements for machinery, to be correctly maintained, a safe working environment, seating, lighting, movement of goods, to ensure staff are trained correctly, staff are wearing correct safety clothing, to have carried out a risk assessment, to have planned the construction to include checking for metal objects, to ensure garment is secure in construction and that all components including fabrics conform to the required standards for small children and are secure. Dye stuff / chemicals in fabrics / flammability. Employees are required to following training guidelines, to wear relevant protective clothing, to report accidents. If candidate does not expand beyond children’s products they cannot be awarded more than 4 marks.</p> <p>Low Mark Range Limited response with little detail about the health & safety issues a manufacturer would need to consider when planning the manufacture of nightwear for small children. Little or no reference to the legal responsibilities of employers and employees. There may be some inaccuracies, little understanding shown in response. Sentences may not always be well connected. Arguments stray from the point or are weakly expressed. There will be a number of errors of grammar, punctuation and spelling.</p>	<p>(0- 4 marks)</p>

	<p>Mid Mark Range Reasonable response with some detail about the health & safety issues a manufacturer would need to consider when planning the manufacture of nightwear for small children. Some reference to the legal responsibilities of employers and employees. Reasonably accurate descriptions and some understanding shown in response. Candidates express straightforward ideas clearly if not always fluently. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High Mark Range Detailed information about the health & safety issues a manufacturer would need to consider when planning the manufacture of nightwear for small children. Detailed reference to the legal responsibilities of employers and employees. Very accurate descriptions and a thorough understanding shown in response. Candidates will have expressed complex ideas extremely clearly and fluently. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(5 - 8 marks)</p> <p>(9 - 12 marks)</p>
<p>1 5</p>	<p>Safety standards are set by the BSI or British Standards Institute which serves to ensure the manufacture of products conform to British safety standards and to agreed standards of quality. Products are classified within different sectors. They ensure that British manufacture meets International safety standards. Manufacturers and companies can apply for a Kitemark, which is a registered certification mark owned and operated by the BSI. Products tested by the BSI improve customer's confidence. UKAS (United Kingdom Accreditation Service) is provided by the BSI or approves laboratories for accreditation. Product testing, for example tests carried out on fabric. Assurance labels and marks, for example the wool and cotton certified assurance labels can reassure consumers. The lion mark is a safety mark for children's toys introduced by the British Toy and Hobby Association. European standards of manufacturing safely are recognised by a CE mark and information. ISO represent international standards. Standards for the environment. Information regarding textile and material content of product components, information safe handling and care and maintenance. Safety in product disposal. Opportunities for re-cycling and product re-use.</p> <p>Low mark range Limited and very basic explanation of how safety standards are used to protect the consumer. Few examples and limited understanding shown. Sentences may not always be well connected. Arguments stray from the point or are weakly expressed. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of how safety standards are used to protect the consumer. Some relevant examples given. Reasonable understanding shown. Candidates express straightforward ideas clearly if not always fluently. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p>	<p>(0 – 4 marks)</p> <p>(5- 8 marks)</p>

<p>1 5 (cont)</p>	<p>High mark range An in-depth answer, detailed and accurate explanation of how safety standards are used to protect the consumer. A very good range of examples given. Very detailed understanding shown. Candidates will have expressed complex ideas extremely clearly and fluently. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(9- 12 marks)</p>
<p>1 6</p>	<p>BOUCLÉ Boucle is a compound yarn created by a folding process, which results in wavy and looped textured surface to the yarn.</p>  <p>BOURETTE A bourette yarn is formed by a folding process of yarns which contain bunches of fibres which can be in regular or irregular intervals and can be in different colours. The bunching or knops of fibres may be formed during the carding, spinning or folding processes.</p>  <p>CHENILLE Chenille yarn is constructed by weaving a fabric first into a leno-effect woven structure with soft twisted yarns as the weft or filling yarns. The fabric is then cut length-wise into narrow strips, creating chenille yarns. A diagram may be used.</p>  <p>D SLUB Slub yarns are constructed from single or folded yarns. There are long thick areas of staple fibres forming the slubs, which are placed at regular or irregular intervals along the yarn.</p>  <p>Low mark range Limited and simplistic explanation of how selected novelty yarn is produced. Inaccurate information in response.</p> <p>Mid mark range A more thorough explanation of how selected novelty yarn is produced. Some accurate information in response.</p> <p>High mark range An in-depth answer, detailed and accurate explanation of how selected novelty yarn is produced. Excellent understanding shown.</p>	<p>(0- 1 mark)</p> <p>(2 marks)</p> <p>(3 marks)</p> <p>Total 2 x 3 marks</p>

<p>1 7</p>	<p>Processes could include the following: False-twist, Air-jet, stuffer-box and knit-deknit are the most common methods for texturing filaments. Reference may be made to crimping yarns, gear-crimping or edge-crimping or bulked-continuous-filament. Accurate method given and clear instructions given on the processes used to create texture. Reasons for the selected method of texturing or bulking synthetic filament fibres are given to support response.</p> <p>Low mark range Limited and simplistic explanation of method of processing synthetic filaments to create a textured effect. Inaccurate information in response and a basic explanation of the purpose of creating texture. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of method of processing synthetic filaments to create a textured effect. Some accurate information in response and a reasonable explanation of the purpose of creating texture. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range An in-depth answer, detailed and accurate explanation of method of processing synthetic filaments to create a textured effect. Excellent understanding and a very good explanation of the method of creating textured yarn. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 1 mark)</p> <p>(2- 3 marks)</p> <p>(4 marks)</p> <p>2 x 4 marks</p>
<p>1 8</p>	<p>A wide range of finishing processes that are used to create textures include: Embossing, brushing, raising, shearing, laser etching or burn out, burn out paste, sanding or emerizing, pleating using resins or thermoplastic properties, rateening, moiré, engraving, shrinkage in controlled sections to create blistered or seersucker effects, felting, fulling, embossed crêpe effects, napping, sand-washed and singeing.</p> <p>Low mark range Limited and simplistic explanation of the finishing processes that could be applied to fabrics to create different textures. Inaccurate information in response and a basic explanation of the purpose of creating texture. Few examples given. Sentences may not always be well connected. There will be a number of errors of grammar, punctuation and spelling.</p> <p>Mid mark range A more thorough explanation of the finishing processes that could be applied to fabrics to create different textures. Some accurate information in response and a reasonable explanation of the purpose of creating texture. A range of examples is given to support response. Sentences are reasonably well connected. There may be a small number of errors of spelling, grammar and punctuation.</p> <p>High mark range An in-depth answer, detailed and accurate explanation of the finishing processes that could be applied to fabrics to create different textures. Excellent understanding and a very good explanation of the method creating textured fabrics through finishing processes. A wide range of examples given in response. Sentences and paragraphs follow on from one another smoothly and logically. There are few, if any errors of grammar, punctuation and spelling.</p>	<p>(0- 4 mark)</p> <p>(5- 9 marks)</p> <p>(10- 14 marks)</p>