



General Certificate of Secondary Education

Home Economics: Textiles 3563/H Higher Tier

Mark Scheme

2005 examination - June series

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 meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting 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 the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

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NB This mark scheme is intended as a guide to the type of answer to be awarded credit. It is not intended to be exhaustive or prescriptive and other equally acceptable responses must be given credit.

Where answers are assessed according to levels of response, an indication of what is expected is given below:

- Level 1** Will show a basic grasp of the situation, may be confused, and will lack detail.
- Level 2** Shows understanding with some detail/exemplar given.
- Level 3** Will show clear understanding of the complexity of the situation with knowledge to support ideas.

Question 1

(a) E.g. cotton is strong/hardwearing, resistant to abrasion so can take regular wear, relatively inexpensive so ideal for a growing child, easy to dye so fashion colours available, does not cause allergies so good for child, washable so easy to keep clean.

Marks awarded as follows:

- Level 1:** Minimal detail which tends to concentrate mainly on a very limited range of properties. There may be incorrect information.
1-2 marks
- Level 2:** A range of properties with some explanation as to their value, there may be a lack of accuracy and some information may be irrelevant.
3-4 marks
- Level 3:** Correct and appropriate information about several properties related to the situation.
5-6 marks

(6 marks)

(b) E.g. corduroy is a pile weave which gives softness and texture whereas the canvas is a smoother fabric but may be courser/rougher.
Any 3 points, 1 mark each.

(3 marks)

(c) Toggles appear to be leather and plastic which add interest to the coat, open ended zip underneath keeps coat fastened where toggles would allow gaps to open up. Open ended zip on boy's jacket with

Velcro keeping flap closed for extra warmth, fastenings not as decorative as girl's coat, Velcro quick and easy to open and close but may become clogged with fluff over time.

Marks awarded as follows:

Level 1: Very basic detail which is mostly descriptive of the fastenings, explanation may be confused. This candidate displays little understanding and does not evaluate effectiveness of the fastenings shown.
1-2 marks

Level 2/3: Clear detail with evaluative comments about the effectiveness of both fastenings.
3-4 marks

(4 marks)

- (d) E.g. cotton is not a good insulator so not good in cold weather, very absorbent fibre not good in wet weather, linings add insulation, hoods prevent heat loss from head, double fastenings to keep out the wind

Marks awarded as follows:

Level 1: Minimal detail which tends to concentrate on fibres with little reference to style features, pros and cons not considered. There may be incorrect information.
1-2 marks

Level 2: A range of points relating to both fibres and style, there may be a lack of understanding of end use. Viewpoints will tend to be one-sided.
3-5 marks

Level 3: Well considered points relating to fibre, fabric and style. Pros and cons considered equally.
6-8 marks

(8 marks)

- (e) E.g. water/stain repellent, Teflon, flame retardant. (1 mark)

E.g. makes coat better for winter as cotton very absorbent, helps prevent staining of light colour, increases safety as cotton highly flammable. (2 marks)

(3 marks)

- (f) Candidate may refer to cost, style features, fabric, fashion issues, colour, appropriateness for cold, wet weather and everyday use or other as appropriate and decisions justified in relation to end use and value for money.

Marks awarded as follows:

Level 1: Opinionated statements with little justification to substantiate viewpoint made. Simplistic reference to costs.
1-2 marks

Level 2: Candidate makes a limited number of points and gives a viewpoint with sound justification.
3-4 marks

Level 3: Candidate makes a number of points and gives justification for both viewpoints.
5-6 marks

(6 marks)

Total 30 marks

Question 2

- (a) (i) Candidate should show a design for a surface decoration for the skirt.

Marks awarded as follows:

Level 1: Weak, untidy design which is not clearly based on toy, does not use space well.
1 mark

Level 2: Design is appropriate but lacks interest. There will be some lack of clarity about what is intended.
2 marks

Level 3: Appropriate design which is interesting and uses space well. Details are clear.
3 marks

(3 marks)

- (ii) E.g. appliqué, embroidery, dyed or printed designs.

(1 mark)

- (iii) Clear details should be given of the technique selected. Notes and diagrams should be included.

Marks awarded as follows:

Level 1: Very basic detail with few notes/diagrams to explain what is intended, explanation confused. This candidate displays little knowledge and is unable to explain technique.
1-2 marks

Level 2: Clear detail with supporting notes/diagrams, explanation sound and would mostly achieve desired effect. This candidate has a good grasp of the technique but is confused in part.
3-4 marks

Level 3: Clear and detailed explanation which would achieve desired effect. This candidate has a sound grasp of the technique.
5-6 marks

(6 marks)

(b) (i) Each label correctly placed, 1 mark each.

(8 marks)

(ii) E.g. to give correct hang of fabric, to keep any pattern ‘straight’, to ensure that front is cut in one piece otherwise there will be a need for a seam which will compromise fit. If CF not placed directly on fold skirt may be too big

Marks awarded as follows:

Level 1: Very basic detail with little clear understanding, explanation confused.
1-2 marks

Level 2/3: Clear explanation referring to both lines and distinction made between them.
3-5 marks

(5 marks)

(c) **Seam A**

(i) Plain or open seam

(1 mark)

(ii) E.g. overlocking, zig zag stitch, edge stitching.
Any 2 appropriate finishes, 1 mark each.

(2 marks)

(iii) E.g. flat, inconspicuous, not bulky, reasonably strong. Neatenings may add bulk or strength, especially on denim fabric, prevent fraying effectively, may use a lot of thread.

Marks awarded as follows:

Level 1: Very basic comments with little clear understanding of the impact of neatening shown. Explanation confused, no real evaluation.
1-2 marks

Level 2/3: Sound evaluative comments referring to both seam and neatening selected.
3-5 marks

(5 marks)

Seam B

- (iv) French seam (1 mark)
- (v) E.g. bulky, does not lie flat but inconspicuous on RS, strong.

Marks awarded as follows:

Level 1: Very basic comments with little clear understanding of the suitability. Explanation confused, no real evaluation.
1-2 marks

Level 2/3: Sound evaluative comments.
3-4 marks

(4 marks)

Seam C

- (vi) Double machined or run and fell seam. (1 mark)
- (vii) E.g. flat, decorative, could be bulky, very strong.

Marks awarded as follows:

Level 1: Very basic comments with little clear understanding of the appropriateness of seam. Explanation confused, no real evaluation.
1-2 marks

Level 2/3: Sound evaluative comments referring to both seam and end use of product.
3-4 marks

(4 marks)

- (viii) E.g. stitching might be uneven because turnings uneven, edge may not be folded under along entire length of seam leading to fraying, seam may be unequal in width along length because turnings uneven.
Any 2 realistic problems, 1 mark each, plus 1 mark each for some detail/explanation.

(4 marks)

Total 45 marks

Question 3

- (a) (i) Zip / piping foot (1 mark)
- (ii) E.g. sewing in zips, sewing piping, edge stitching.
2 uses, 1 mark each. (2 marks)

- (b) (i) Sleeve board (1 mark)
- (ii) E.g. ironing sleeve, ironing / pressing small parts of a garment.
2 uses, 1 mark each. (2 marks)
- (c) (i) Quick unpick / seam ripper / buttonhole cutter. (1 mark)
- (ii) E.g. cutting buttonholes, unpicking stitching.
2 uses, 1 mark each. (2 marks)
- (iii) E.g. tool is sharp (1 mark), may cut fabrics accidentally (1 mark),
cut beyond end of buttonhole (1 mark), cut hands (1 mark).
3 points, 1 mark each. (3 marks)
- (d) E.g. fine needles (70/9/11) needed for fine fabrics to prevent
needle damage, thicker needles (100/16) needed for heavy fabrics
to prevent breaking, ballpoint needles for knitted fabrics to prevent
missed stitches, twin / triple needles for decorative stitching,
leather needles prevent damage to skins, wing needles for
decorative stitching, special needles for overlockers.

Marks awarded as follows:

Level 1: Basic discussion of needles in very general terms. Little awareness of range of needles available, few examples. Response is confused and inaccurate.
1-2 marks

Level 2: Some awareness of variety of needles available but limited range of examples. There will be some confusion but with evidence of some awareness of need for a range of needles for a variety of applications.
3-4 marks

Level 3: Good awareness of variety of needles available with examples for a range of different applications.
5-6 marks

(6 marks)

- (e) E.g. wide range of complex processes can be done automatically, e.g. automatic buttonholes, pre-programmed embroidery stitches, stitching of own designs using computer, stretch and other utility stitches, button sewing, monogramming, logo making, multi-functional overlockers for efficient sewing of modern fabrics. These machines can produce spectacular results at the touch of a button and take the drudgery out of a lot of processes. But they can be complex to programme and sensitive in their

operation with no guarantee of perfect results. Are very expensive and rarely used to full advantage by the average sewer, may require use of a compatible computer and / or special computer packages.

Marks awarded as follows:

- Level 1:** Basic discussion of machines with little detail or examples. Little awareness of modern machines, will make reference to basic stitches. Response will be confused and inaccurate with very little evaluation of the benefits.
1-4 marks
- Level 2:** Detailed discussion of machines but not all related to modern capabilities. Limited range of examples. There will be some repetitiveness and possible confusion. Some awareness of what is currently available. Some sound evaluative comments which may be one-sided.
5-8 marks
- Level 3:** Sound awareness of the capabilities of modern machines. A wide range of examples given which are related to modern machines and processes. Thorough evaluation of benefits and drawbacks.
9-12 marks

(12 marks)
Total 30 marks

Question 4

(a)

Chain store

Advantages: E.g. reasonable quality, ‘first’ quality, exchanges easy, facility to use credit / store card, many branches in town and out of town shopping area, able to try clothes on before buying.

Disadvantages: E.g. may be expensive for quality, lack of originality, need to visit shop, not open all hours.

Marks awarded as follows:

- Level 1:** Very basic comments with some confusion, no real evaluation.
1-2 marks
- Level 2/3:** Sound evaluative comments showing clear

understanding of issues involved.
3-5 marks

(5 marks)

(b) Internet

Advantages: E.g. shop from home / at any time, may be cheaper, delivered to door, may be ‘different’ can shop anywhere in the world.

Disadvantages: E.g. unable to check quality before buying, delivery charges often added on, may be problems importing goods from overseas, credit card fraud, need credit card to shop, may be difficult to return goods.

Marks awarded as follows:

Level 1: Very basic comments with some confusion, no real evaluation.
1-2 marks

Level 2/3: Sound evaluative comments showing clear understanding of issues involved.
3-5 marks

(5 marks)

(c) Market stall

Advantages: E.g. cheap, fun way to shop.

Disadvantages: E.g. may not be open every day, no changing rooms, usually take cash only, may be ‘seconds’, may be difficult to exchange faulty goods.

Marks awarded as follows:

Level 1: Very basic comments with some confusion, no real evaluation.
1-2 marks

Level 2/3: Sound evaluative comments showing clear understanding of issues involved.
3-5 marks

(5 marks)

Total 15 marks

Total marks for paper 120

