



National  
Qualifications  
2022

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# 2022 Fashion and Textile Technology

## National 5

### Finalised Marking Instructions

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## General marking principles for National 5 Fashion and Textile Technology

*Always apply these general principles. Use them in conjunction with the detailed marking instructions, which identify the key features required in candidates' responses.*

- (a) Always use positive marking. This means candidates accumulate marks for the demonstration of relevant skills, knowledge and understanding; marks are not deducted for errors or omissions.
- (b) If a candidate response does not seem to be covered by either the principles or detailed marking instructions, and you are uncertain how to assess it, you must seek guidance from your team leader.
- (c) Marks for each candidate response must always be assigned in line with these general marking principles and the specific marking instructions for the relevant question.
- (d) For marks to be awarded, responses must relate to the question asked. Where candidates give points of knowledge without specifying the context these should be awarded marks unless it is clear that they do not relate to the context of the question.
- (e) There are four types of question used in this question paper. Each assesses a particular skill, namely:
  - A State/give/name/identify
  - B Describe
  - C Explain
  - D Evaluate.

For each question type, the following generic marking instructions provide an overview of the marking principles and an example of their application for each type.

### A Questions that ask candidates to state/give/name/identify

Candidates should list a number of relevant items or facts. These must relate to the context of the question and do not need to be in any particular order, up to the total mark allocation.

Up to the total mark allocation for this question:

- award **1 mark** for each accurate relevant point of knowledge linked to the context of the question.

#### For example

**Question** – Name two fabrics that would be suitable for a winter coat.

**Answer** – Wool. (1 mark for correct identification of a fabric suitable for a winter coat.)

**Question** – Give one reasons why a woven fabric would be suitable for a winter coat

**Answer** – woven fabric would be suitable because it creates a durable fabric, so coat would withstand the wear and tear of daily use.

## B Questions that ask candidates to describe

Candidates should define or give an account of points which must relate to the question.

They do not need to be in any particular order. Candidates may provide a number of straightforward points or a smaller number of developed points, or a combination of these.

Up to the total mark allocation for this question:

- award **1 mark** for each accurate relevant point of knowledge linked to the context of the question.

**For example**

**Question** – Describe two ways of embellishing a top to be worn for sport.

**Answer** – Piping in a fabric that is a contrasting colour to the top could be added to the seams. (1 mark for correct description of way of embellishing a sports top.)

## C Questions that ask candidates to explain

Candidates should make the relationship between points clear, for example by giving accurate relevant points, showing connections between these and the context of the question. Candidates may provide a number of straightforward explanations or a smaller number of developed explanations, or a combination of these.

Up to the total mark allocation for this question:

- award **1 mark** for each accurate relevant point.

**For example**

**Question** – Explain two benefits of using a multi-sized paper pattern.

**Answer** – Can ensure a good fit/fewer pattern adaptations will be required/can use a combination of different sized pattern pieces, so useful for people who are not a standard size. (1 mark for accurate relevant point linked to the use of a multi-sized paper pattern.)

## D Questions that ask candidates to evaluate

Candidates should make a number of evaluative comments which make a judgement based on the information provided, related to the context of the question. Candidates may provide a number of straightforward observations or a smaller number of developed observations, or a combination of these.

Up to the mark allocation for this question:

- award **1 mark** for each relevant evaluative comment linked to the context of the question
- award a **second mark** for any evaluative comment that is developed.

**For example**

**Question** – Evaluate the suitability of 95% cotton/5% elastane fabric for a sports top.

**Answer** – Cotton is very absorbent, and this fabric will soak up sweat which may occur during exercise. (1 mark for comment) This will keep the sportsperson more comfortable. (a further mark for the development of the comment.)

## Marking instructions for each question

Question		Expected response	Max mark	Additional guidance
1.	(a)	<p>Possible candidate responses could include:</p> <ul style="list-style-type: none"> <li>• stable fabric, so will keep its shape well so be smart</li> <li>• strong construction, so will be durable and may last well</li> <li>• firm construction, so will hold shape well, so maintain appearance</li> <li>• firm construction will hang well, so maintain appearance</li> <li>• tightly woven fabric will prevent wind getting through and may be warmer.</li> </ul> <p><b>Any other appropriate response.</b></p>	<b>2</b>	<p>Candidates should list a number of relevant facts and provide further justification related to the facts listed.</p> <p>Up to the total mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be given for each accurate relevant point of knowledge.</li> </ul> <p><i>Candidates can be credited in a number of ways up to a maximum of 2 marks.</i></p> <p>Candidates should identify <b>two</b> reasons making woven fabric construction suitable for making fabric suitable for a winter coat.</p> <p><b>1 mark</b> should be given for each correct response made up to a <b>maximum of 2 marks</b> in total.</p>

Question	Expected response	Max mark	Additional guidance
(b)	<p>Possible candidate responses may include:</p> <p><b>Warm:</b></p> <ul style="list-style-type: none"> <li>• wool has good insulation properties, which is useful for a winter coat as it may help keep the wearer warm in cold weather.</li> </ul> <p><b>Does not crease easily:</b></p> <ul style="list-style-type: none"> <li>• has a spring to the fibre which will help shed creases, so maintaining the appearance of the coat.</li> </ul> <p><b>Low flammability:</b></p> <ul style="list-style-type: none"> <li>• is naturally slightly flame retardant so may be safer if the coat is worn close to a bonfire.</li> </ul> <p><b>Water repellent:</b></p> <ul style="list-style-type: none"> <li>• has natural resilience to water which may be useful if the coat is worn when snowing or showery as the wearer will stay dry</li> <li>• takes a long time to dry once wet which may be a disadvantage if the coat gets wet and is needed again quickly</li> <li>• is difficult to launder as it can shrink (felt) which may be a disadvantage as dry cleaning the coat may be expensive.</li> </ul> <p><b>Durable:</b></p> <ul style="list-style-type: none"> <li>• wool lasts a long time, providing good value as the coat will not need to be replaced often</li> <li>• may be scratchy, so may cause skin irritation, and therefore less comfortable to wear the coat for the day</li> <li>• may 'pill' so the coat may look less smart/need replacing therefore poor value</li> <li>• may be damaged by moths so be spoilt/damaged so making the coat unwearable.</li> </ul> <p><b>Any other appropriate response.</b></p>	4	<p><i>Candidates can be credited up to a maximum of 4 marks.</i></p> <p>Candidates should make a number of judgements that make the reasons plain or clear, for example by showing connections between the reason and the context of the question.</p> <p>Up to the total mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be given for each accurate relevant evaluation.</li> </ul> <p>Candidates should give a number of relevant evaluative comments for the suitability of the identified fibre for a winter coat.</p> <p><b>1 mark</b> should be given for each accurate evaluative comment. (<i>up to a maximum of 4 marks</i>)</p> <p>Explanations may be awarded marks if the response:</p> <ul style="list-style-type: none"> <li>• includes a relevant characteristic of the fibre</li> <li>• is specifically linked to the requirements for a winter coat.</li> </ul> <p>Marks may not be awarded for general comments about the characteristics of the fibre.</p>

Question	Expected response	Max mark	Additional guidance
(c)	<p><b>Explain two benefits of using a lining in the coat.</b></p> <p>Possible candidate responses may include:</p> <ul style="list-style-type: none"> <li>• may make the coat easier to slip on and off as it will prevent it sticking to clothing underneath</li> <li>• may prevent the coat clinging, therefore will make it hang better</li> <li>• hides the seams and pockets therefore improving the aesthetic of the coat</li> <li>• may improve the aesthetic of the coat and make it feel more luxurious</li> <li>• may add another layer, to make the coat warmer</li> <li>• a contrasting colour can be used improving the aesthetic of the coat.</li> <li>• may make coat more comfortable to wear as it would prevent irritation from outer layer</li> </ul> <p><b>Any other appropriate response.</b></p>	<b>2</b>	<p><i>Candidates can be credited in a variety of ways up to a maximum of 2 marks.</i></p> <p>Candidates should make explanations on the suitability of the use of a lining inside the coat.</p> <p><b>1 mark</b> should be given for each correct response made, up to a <b>maximum of 2 marks</b> in total.</p> <p>Candidates should make a number of explanations related to the context of the question, showing connections between their reasoning and the context of the question.</p> <p>Candidates may provide a number of straightforward explanations or a smaller number of developed explanations, or a combination of these.</p> <p>Up to the total mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be given for each accurate relevant explanation.</li> </ul> <p>Marks may be awarded if the response:</p> <ul style="list-style-type: none"> <li>• includes a relevant aspect of lining a garment</li> <li>• is specifically linked to the requirements for a winter coat.</li> </ul> <p>Marks may not be awarded for general comments about the characteristics of a lining.</p>

Question	Expected response	Max mark	Additional guidance
(d)	<p>Possible candidate explanations could include:</p> <ul style="list-style-type: none"> <li>• switch off the power when rethreading/cleaning in order to avoid accidents</li> <li>• one person at the machine at any one time/no distractions from others in order to avoid accidents</li> <li>• tie back long hair/fix loose clothing/loose jewellery in order to avoid becoming entangled in the machine</li> <li>• keep fingers away from the needle when stitching in order to avoid the needle piercing a finger</li> <li>• remove any pins that are in direct line with the needle in order to prevent broken needles or pins flying into the face</li> <li>• hands should be dry in order to prevent electric shock</li> <li>• do not use if cable/plug is damaged in order to prevent electric shock</li> <li>• ensure switched off when not in use in order to prevent electric shock</li> <li>• avoid having liquids near the sewing machine as it may spill and cause electric shock.</li> </ul> <p><b>Any other appropriate response.</b></p>	<b>2</b>	<p><i>Candidates can be credited up to a maximum of 2 marks.</i></p> <p>Candidates should give a number of relevant explanations for safety factors that should be considered when operating a sewing machine.</p> <p><b>1 mark</b> should be given for each accurate explanation. <i>(up to a maximum of 2 marks)</i></p> <p>Candidates should make a number of explanations related to the context of the question.</p> <p>Up to the mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be awarded for each relevant explanation.</li> </ul>

Question		Expected response	Max mark	Additional guidance
2.	(a)	<p>Description Possible candidate responses could include/style features of a trousers to be worn working in a safari theme park may include:</p> <ul style="list-style-type: none"> <li>• style feature representative of the theme or corporate image for example, colour, pattern, logo, embellishment</li> <li>• style of trousers for example, length, hemline</li> <li>• features such as belt, pockets</li> <li>• fit – loose or tight fitting (loose to allow movement, tight but stretchy to allow movement)</li> <li>• waterproofing</li> <li>• breathable fabric.</li> </ul>	6	<p>Candidates should define or give an account of points which must relate to the question. They do not need to be in any order.</p> <p>Candidates must describe one design feature relevant to each aspect of the trousers that will be based on an outfit a member of staff might wear in a safari theme park.</p> <p><b>Award 1 mark</b> for an accurate description of a relevant identified design feature for each aspect of the trousers up to a <b>maximum of 2 marks</b>.</p> <p>Award the mark only if the feature identified can be clearly visualised.</p> <p>Candidates should make the relationship between points clear, for example by giving accurate relevant points, showing connections between these and the context of the question.</p> <p>Candidates must then explain the suitability of <b>each</b> design feature described.</p> <p><b>Award 1 mark</b> for an accurate explanation that shows a link between:</p> <ul style="list-style-type: none"> <li>• a relevant design feature described and the requirements for trousers that the staff member will wear at the safari theme park. (up to a <b>maximum of 2 marks</b>)</li> </ul>

Question		Expected response	Max mark	Additional guidance
		<p>Description Possible candidate responses could include: fastenings for trousers to be worn working in a safari theme park:</p> <ul style="list-style-type: none"> <li>• zips</li> <li>• buttons</li> <li>• poppers (metal or plastic)</li> <li>• Velcro.</li> </ul> <p><b>Or any other appropriate response.</b></p>		<p>Candidates must describe one fastening relevant to the trousers that will be based on an outfit a member of staff might wear in a jungle theme park.</p> <p>Award <b>1 mark</b> for an accurate description of a relevant identified fastening.</p> <p>Candidates must then explain the fastening described.</p> <p>Award <b>1 mark</b> for an accurate explanation that shows a link between the fastening and the requirements for the trousers that the staff member will wear at the safari theme park.</p>
	(b)	<p>Possible candidate responses may include:</p> <p><b>Strong/abrasion resistant:</b></p> <ul style="list-style-type: none"> <li>• withstands wear and tear, necessary as the trousers may be worn frequently/maintain a smart appearance</li> <li>• withstands agitation, necessary as the trousers may be washed frequently</li> <li>• easy to care for, so the trousers will maintain a smart appearance</li> <li>• durable, so the trousers will not need replaced often/may be more cost effective.</li> </ul> <p><b>Absorbency:</b></p> <ul style="list-style-type: none"> <li>• low-absorbency – so the trousers will dry quickly, saving time/will be ready to be worn again soon</li> <li>• low-absorbency – so the trousers will repel stains, maintaining its appearance</li> <li>• low-absorbency – so the trousers will repel water/dry more quickly if worn in the rain.</li> </ul>	<b>4</b>	<p>Candidates should make a number of judgements that make the reasons plain or clear, for example by showing connections between the reason and the context of the question.</p> <p>Up to the total mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be given for each accurate relevant evaluation</li> <li>• evaluation could be relevant to manufacture of trousers or to safari theme park staff</li> </ul>

Question	Expected response	Max mark	Additional guidance
	<p><b>Resistance to chemicals/mildew:</b></p> <ul style="list-style-type: none"> <li>• resists chemicals so the trousers will not be affected/maintain appearance if it comes in contact with, for example, antibacterial spray</li> <li>• resists mildew, so will not be damaged if it gets put in a bag/put away whilst damp.</li> </ul> <p><b>Crease resistance:</b></p> <ul style="list-style-type: none"> <li>• sheds creases easily so the trousers will look smarter</li> <li>• sheds creases easily so the trousers will require minimal ironing.</li> </ul> <p><b>Or any other appropriate response.</b></p>		

Question		Expected response	Max mark	Additional guidance
3.	(a)	<p>Possible candidate responses may include:</p> <p>Factors that should be considered could include:</p> <p><b>Style:</b></p> <ul style="list-style-type: none"> <li>• design should be appropriate for the target age group</li> <li>• parts should not be sharp and cause injury</li> <li>• design should allow the user to move freely</li> <li>• design should allow the user to carry camping kit easily</li> <li>• design should be of a suitable size to be comfortable</li> <li>• design could allow straps to be adjustable for different size users</li> <li>• colours could be gender neutral to suit everyone</li> <li>• design could incorporate some reflective material, or hi-vis component to make it more visible whilst camping.</li> </ul> <p><b>Fabric(s)/embellishments/components used:</b></p> <ul style="list-style-type: none"> <li>• should be waterproof or outdoor use should be washable</li> <li>• should maintain their appearance</li> <li>• should be flame resistant</li> <li>• components/embellishments should be able to be well secured to avoid injury/loss</li> <li>• should be of sufficient quality to be enable the rucksack to be used repeatedly.</li> </ul>	6	<p><i>Candidates can be credited up to a maximum of 6 marks.</i></p> <p>Candidates should describe the factors that would need to be considered when planning the rucksack.</p> <p><b>1 mark</b> should be given for each correct factor identified made up to a <b>maximum of 3 marks</b> in total:</p> <ul style="list-style-type: none"> <li>• <b>a maximum of 3 marks</b> may then be awarded for correct explanations of the factors that would need to be considered in the planning of the rucksack.</li> </ul> <p>Candidates should make a number of factual relevant points. These should relate to the question.</p> <p>Up to the total mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be given for each accurate relevant identification of point of knowledge</li> <li>• <b>a second mark</b> should be given for explanation relevant to the point described.</li> </ul>

Question		Expected response	Max mark	Additional guidance
		<p><b>Construction techniques:</b></p> <ul style="list-style-type: none"> <li>• should be strong enough to withstand wear/be durable</li> <li>• should make it easy to use the rucksack</li> <li>• should include enough pockets or compartments to store necessary items</li> <li>• decorative techniques should be as durable as the fabric used components/embellishments should be attached using a secure technique to avoid injury/loss.</li> </ul> <p><b>Cost:</b></p> <ul style="list-style-type: none"> <li>• should not be too expensive as this is for teens who may not be able to afford expensive items</li> <li>• should represent good value for money/should be able to be used repeatedly.</li> <li>• Cost to manufacture should allow profit to be made.</li> </ul> <p><b>Any other appropriate response.</b></p>		
	(b)	<p>Possible candidate responses may include:</p> <ul style="list-style-type: none"> <li>• bonded fabrics are strong</li> <li>• bonded fabrics may include a waterproof layer</li> <li>• bonded fabrics may have a strong layer glued to a waterproof layer to get the benefits of both</li> <li>• bonded fabrics may include a waterproof layer coating a patterned fabric</li> <li>• bonded fabrics may be wipeable.</li> </ul> <p><b>Any other appropriate response.</b></p>	2	<p><i>Candidates can be credited up to a maximum of 2 marks.</i></p> <p>Candidates should state two relevant features of bonded fabrics.</p> <p><b>Maximum of 1 mark</b> may be awarded each for accurate statement.</p> <p>Candidates should give a statement of relevant points. These should relate to the question.</p> <p>Up to the total mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be given for an accurate description.</li> </ul>

Question		Expected response	Max mark	Additional guidance
	(c)	<p>Possible candidate responses may include:</p> <ul style="list-style-type: none"> <li>• uses petrol/oil derived chemicals which are finite and therefore not good for the planet's resources</li> <li>• may release harmful gases into the atmosphere during manufacturing</li> <li>• may release chemicals or dyes into water courses causing pollution</li> <li>• may release microfibres into water courses which may cause pollution/harm wildlife/enter the food chain</li> <li>• long lasting therefore would not need to be replaced often</li> <li>• not biodegradable therefore may contribute to landfill when disposed of</li> <li>• nylon can be created from recycled plastic bottles which is good as resources are being recycled.</li> </ul> <p><b>Any other appropriate response.</b></p>	<b>2</b>	<p><i>Candidates can be credited up to a maximum of 2 marks.</i></p> <p>Candidates should give a number of relevant explanations for factors that should be considered in relation to the environment when manufacturing or using nylon</p> <p>1 mark should be given for each accurate explanation (<i>up to a maximum of 2 marks</i>)</p> <p>Candidates should make a number of points that make the issue plain or clear, for example by showing connections between the reason and the context of the question.</p> <p>Up to the total mark allocation for this question:</p> <ul style="list-style-type: none"> <li>• <b>1 mark</b> should be given for each accurate relevant explanation.</li> </ul>

[END OF MARKING INSTRUCTIONS]