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UNIVERSITY OF CAMBRIDGE INTERNATIONAL EXAMINATIONS  
International General Certificate of Secondary Education

**BUSINESS STUDIES**

**0450/02**

Paper 2

May/June 2006

**1 hour 45 minutes**

Candidates answer on the Question Paper  
No Additional Materials are required.

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name on all the work you hand in.  
Write in dark blue or black pen.  
Do not use staples, paper clips, highlighters, glue or correction fluid.

Answer **all** questions.  
The businesses described in this question paper are entirely fictitious.  
At the end of the examination, fasten all your work securely together.  
The number of marks is given in brackets [ ] at the end of each question or part question.

For Examiner's Use	
1	
2	
3	
4	
5	
<b>Total</b>	

This document consists of **13** printed pages and **3** blank pages.



## Patel Fashions

Patel Fashions is a small business located in Country Y, a low income country. It manufactures sports clothing including football shirts that are sold to sports clothing shops in Europe. These shirts are in the colours of famous football clubs, such as Real Madrid in Spain. Nife, a multinational sports clothing retail company, has approached Patel Fashions to produce football shirts for them.

Patel Fashions have low wage costs and the production methods are labour-intensive. Nife wants Patel Fashions to produce high quality football shirts for its overseas markets. To improve the quality of sports shirts, Patel Fashions may need to use more capital-intensive methods of production. If the order from Nife is accepted, Patel Fashions will also need more highly skilled labour to operate the machinery. Some of the existing workers may need to be retrained or made redundant. All the production workers are members of a trade union.

The new machinery will need to be imported, as there are no local businesses which manufacture or repair this machinery.

### Appendix 1

#### Summary of cost and price information for Patel Fashions 2005 using labour-intensive methods

	Labour costs per item (\$)	Material costs per item (\$)	Patel Fashions selling price (\$)
Sports shirts	3	5	16
Shorts	2	2	8
Football shirts	5	8	25

### Appendix 2

#### Memorandum

To: Finance Manager (Patel Fashions)  
 From: Production Manager (Patel Fashions)  
 Date: 12 April 2006  
 Re: Nife football shirt order

We need to decide if we should accept this order from Nife. I was asked to let you know about the new machinery that would be needed to produce the football shirts and what the machinery will cost.

The machinery will have to be imported, so the costs are based upon the current exchange rate, but this could change. The machinery will cost \$100,000 if we buy it or the machinery can be leased over 5 years. If it is leased we will need to pay \$1,833 per month for 5 years.

With these capital-intensive methods we could produce 100 football shirts per hour using 10 workers. The labour costs are \$5 per hour per worker.

We need to make a quick decision on this!

**Appendix 3**

Daily News in Country Y

5 May 2006

The Government has just announced that it wants more of our businesses to trade with foreign companies. Our country should make itself better known in the world economy. There are several multinational companies wanting to locate in our country because the Government plans to reduce the minimum wage and to give workers less job security. Businesses will be able to make workers redundant more easily. Trade unions are not happy about these changes and are putting pressure on the Government not to introduce them.

**Appendix 4****Newspaper Advertisement for Nife Football Shirts****Real Madrid Official Football Shirts****The only genuine football shirts**

Choose which player's name you want on the back of the shirt.

These shirts are of the highest quality and are produced only by Nife.

1 (a) Using the cost information in Appendix 1:

(i) calculate the 2005 gross profit for one **sports** shirt

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..... [1]

(ii) calculate the 2005 gross profit margin for **football** shirts

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(b) Using the information in appendices 1 and 2, what is the difference in labour costs per item between using labour-intensive and capital-intensive methods of production for football shirts?

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**(b)** If the order is accepted, Patel Fashions will need to have good communications with Nife's head office which is in country X. Explain the advantages and disadvantages of TWO methods of communication Patel Fashions could use to communicate with Nife.

Method 1

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Method 2

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