

2640/403

NATIONAL
QUALIFICATIONS
2011

TUESDAY, 10 MAY
1.00 PM – 3.00 PM

MODERN STUDIES
STANDARD GRADE
Credit Level

- 1 Read every question carefully.
- 2 Answer all questions as fully as you can.
- 3 If you cannot do a question, go on to the next one. Try again later.
- 4 In question 3, answer **one** section only: Section (A) The USA **or** Section (B) China.
- 5 Write your answers in the answer book provided. Indicate clearly, in the left hand margin, the question and section of question being answered. Do not write in the right hand margin.







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SYLLABUS AREA 1—LIVING IN A DEMOCRACY

QUESTION 1

(a) Choose **one** of the following electoral systems.

<p>Single Transferable Vote Used in Scottish Local Council elections</p> 	<p>Additional Member System Used in Scottish Parliament elections</p> 
<p>First Past the Post Used in UK Parliament elections</p> 	<p>Regional List Used in European Parliament elections</p> 

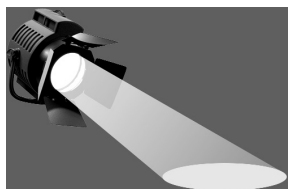
Explain, **in detail**, the **advantages** and **disadvantages** of the electoral system you have chosen.

(Knowledge & Understanding, **8** marks)

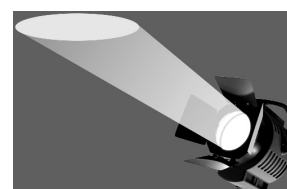
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QUESTION 1 (CONTINUED)

- (b) Study the information in the “**Spotlight on Trade Unions**” pamphlet below and opposite, then answer the question which follows.



Spotlight on Trade Unions



Introduction

“Spotlight on Trade Unions” gives an understanding of Trade Unions in Great Britain today. Trade Unions are involved in trying to get better pay, better conditions and in trying to reduce unemployment.

Union membership in Great Britain

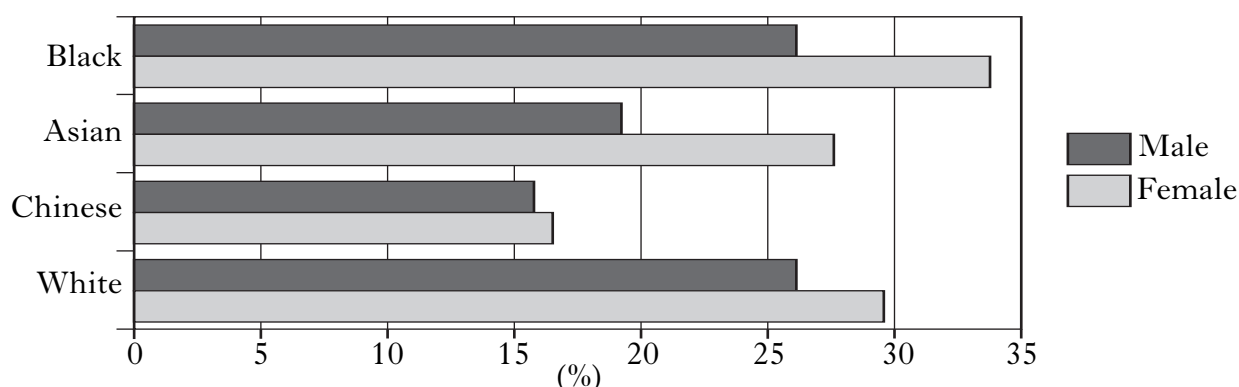
There are over 6·7 million union members in GB today. This is a 42% decrease from 1979 which was the peak year for union membership when there were 13·2 million union members. Membership is projected to decrease further in the future. In the past, union membership was strong in the traditional industries of mining, quarrying and the utilities such as gas, electricity and water.

Trade union membership by employment sector

	%	% change from 1998
Public administration	56	-4·5
Education	54	+1·0
Utilities	42	-14·6
Health and social work	41	-5·9
Transport and communication	39	-3·6
Manufacturing	21	-9·5
Mining and quarrying	18	-10·4
Construction	14	-5·8
Retail and motor trade	12	+0·9
Agriculture, forestry and fishing	7	-6·0
Hotels and restaurants	5	-1·3

Trade union membership – ethnicity and gender

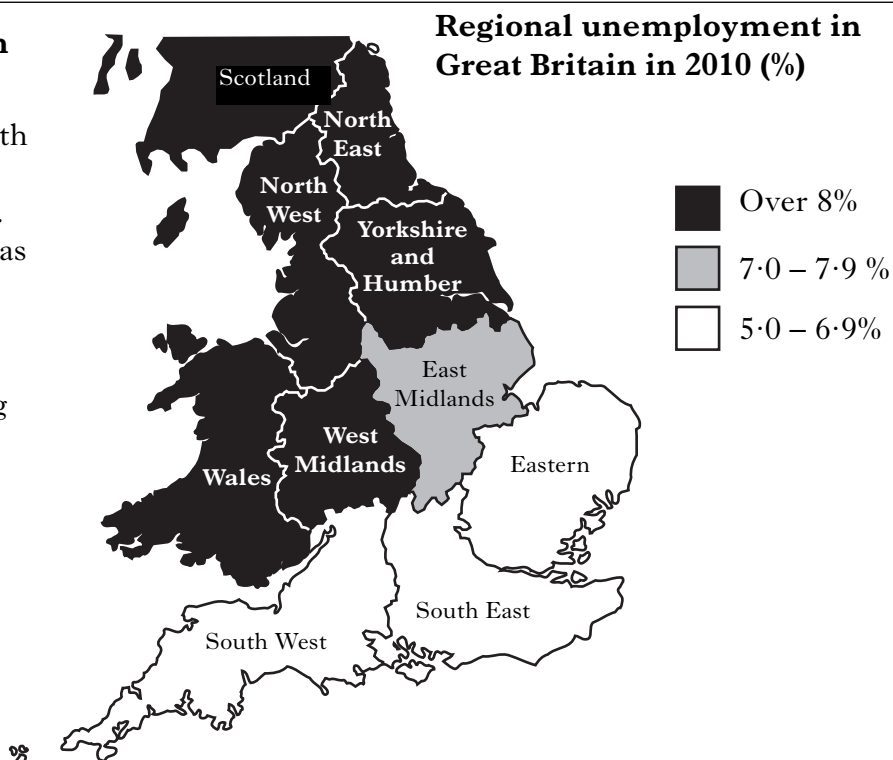
The rate of union membership for employees in the whole of the UK was 27% in 2009. Trade union membership varies between both ethnic group and gender.



QUESTION 1 (b) (CONTINUED)

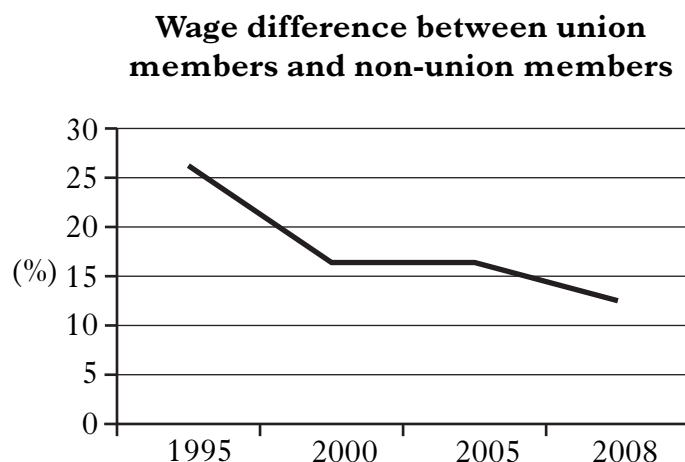
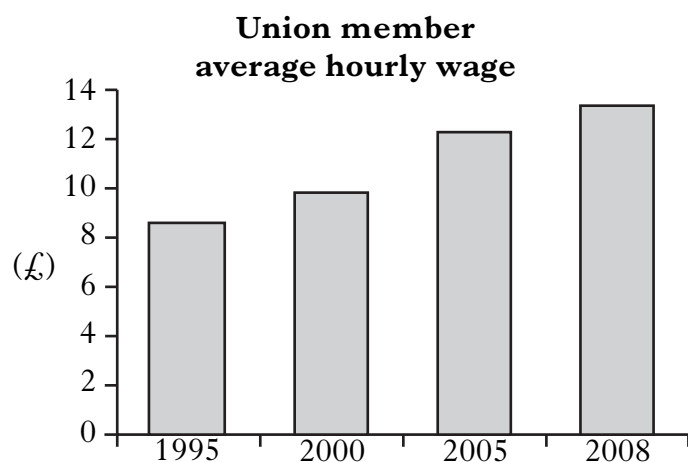
Regional union membership in Great Britain (2010)

The North East was the region with the highest union membership at 35.7% followed by Wales at 35.4%. Membership in the North West was 32.1% followed by Scotland at 31.8%. In other regions within Britain, union membership varied greatly with the South East having the lowest percentage of workers belonging to a trade union.



Wages and earnings

Two aims of Trade Unions are to improve pay and to maintain wage differences between trade union members and non-trade union members.



Using **only** the information from the “**Spotlight on Trade Unions**” pamphlet above and opposite, what **conclusions** can be drawn about trade unions in GB?

You must **make** and **justify** a conclusion about **each** of the following headings.

- The change in union membership within “Traditional Industries”.
- The link between gender and trade union membership across all ethnic groups.
- The link between regional unemployment and regional trade union membership.
- The success of trade unions in maintaining wage differences between union and non-union members.

(Enquiry Skills, 8 marks)

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SYLLABUS AREA 2—CHANGING SOCIETY

QUESTION 2

(a)

Inequalities exist in both health and wealth amongst elderly people in the UK.

Describe, **in detail**, the inequalities that exist in **both** health **and** wealth amongst elderly people in the UK.

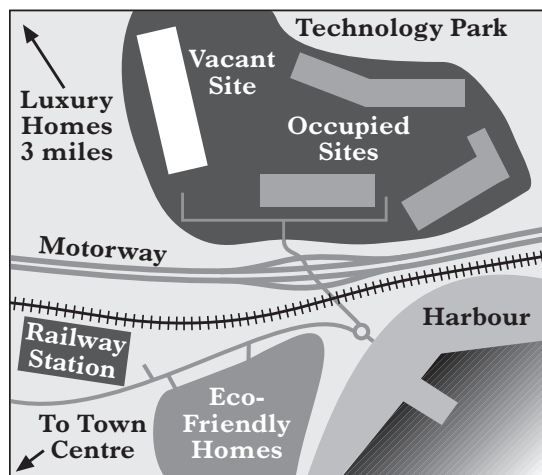
(Knowledge and Understanding, **8** marks)

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QUESTION 2 (CONTINUED)

- (b) Study the **Information about Dunelder and The Technology Park** below and **Sources 1 and 2** on *Page nine*, then answer the question which follows.

Information about Dunelder and The Technology Park



Dunelder is a town of 42,000 people in the South West of Scotland. Two years ago, Dunelder Council decided to build a technology park to attract new employment into the town. Only one site remains vacant, and to encourage businesses to consider setting-up there a package of financial help is available as follows:

Year 1 – £1.5 million
 Year 2 – £1.0 million
 Year 3 – £1.0 million
 Year 4 – £0.5 million

- In recent years the town has suffered from high unemployment due to the closure of two large local factories. As a result, there are many people available for work, but they are mainly low-skilled.
- There are 3 companies already in the technology park. One is a computer firm specialising in producing software programmes. Of the remaining two, one produces solar heating panels and the other produces blades for wind turbines, both important types of renewable energy.
- There are 8 primary schools and 2 secondary schools in the town. The local council has spent a lot of money on these, and all now provide an excellent education. There is no university nearby, but the town does have a college which specialises in agriculture.
- Shopping and leisure facilities in the area are generally good. There are 3 supermarkets and the town centre has several traffic free shopping streets. There is a multi-screen cinema, several restaurants and 2 golf courses locally. A new development of luxury homes has recently been completed 3 miles outside of town. These are available at reduced prices due to the recent economic difficulties.

Selected health statistics

	Dunelder	Scotland
People who smoke	27%	27%
People who exceed alcohol limits	11%	12%
Babies with low birth-weight	2.3%	2.6%
People who take no exercise	45%	38%

Survey of public opinion in Dunelder

Question: *How important do you think the following environmental actions are?*

Action	Unimportant	Not Very Important	Fairly Important	Very Important
More home insulation	12%	39%	34%	15%
More nuclear power	11%	27%	38%	24%
More renewable energy	15%	37%	35%	13%
Less air pollution	10%	25%	40%	25%

QUESTION 2 (b) (CONTINUED)

Two companies have applied for the last remaining site at the technology park. Sources 1 and 2 contain information about both companies.

SOURCE 1

Statements from the owner of Wave Power Systems

My company makes special equipment that produces electricity from the action of waves in the sea. Our factory will need access to the sea to allow us to test and transport our products.

The new factory will have a sport and fitness centre for employees. This will also be open to local residents, which will help improve the town's exercise levels.

Wave Power Systems is a world leader in the renewable energy field. Close links with a nearby university, to help our research, would be very important to our future success.

The factory in Dunelder would include a research centre. To achieve this we would need the cooperation of at least 2 other local companies involved in renewable energy.

The site should go to my company because people in the local area agree that renewable energy is the most important way of improving the environment.

SOURCE 2

Statements from the owner of Earth Save Insulation

My company will create 150 new jobs, most of which will be suitable for people with only basic skills. We will train them for the job we want them to do.

The factory will create a lot of excess heat. We will make this available to heat any new houses that are being built nearby. This will be good for the environment and local people.

To meet the costs of a new factory, my company would need at least £5 million in financial assistance within the first 5 years.

A management team will be moving into the Dunelder area to start up the factory. They will only move if the area has affordable good quality housing.

My company takes old plastic and re-cycles it to make insulation for houses. We should get the site as people in Dunelder agree that this is the most important way of helping the environment.

Use **only** the **Information about Dunelder and The Technology Park** on *Page eight* and **Sources 1 and 2** above.

- (i) State **which company** you think would be the **more suitable** to build on the last remaining site at Dunelder Technology Park.
- (ii) Give **three detailed reasons to support your choice**.
- (iii) Give **two detailed reasons** why you have **rejected** the other option.

In your answer, you **must relate** "Information about Dunelder and the Technology Park" to the information about the **two** companies.

(Enquiry Skills, **10** marks)

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SYLLABUS AREA 3—IDEOLOGIES

QUESTION 3

Answer **one** section only: Section (A)—The USA on pages *eleven* to *fourteen*
OR Section (B)—China on pages *fifteen* to *eighteen*

(A) THE USA

(a) *There are many ways in which Americans can **participate** in politics.*

Other than voting, describe **in detail**, the *ways in which Americans can participate in politics*.

In your answer, you **must** use American examples.

(Knowledge and Understanding, **8** marks)

[Turn over

QUESTION 3 (A) (CONTINUED)



You have been asked to carry out **two** investigations.

The first investigation is on the topic in the box below.

Employment in the USA

Now answer questions (b) and (c) which follow.

- (b) State a relevant **hypothesis** for your investigation.
(Enquiry Skills, **2** marks)
- (c) Give **two** relevant **aims** to help you prove or disprove your hypothesis.
(Enquiry Skills, **2** marks)

QUESTION 3 (A) (CONTINUED)



The second investigation is on the topic in the box below.

Health Care in the USA

Now answer questions (d) and (e) which follow.

- (d) You decide to send a **questionnaire** to your relatives who live in Rockford City, California.

Here is a copy of the questionnaire you wish to send. **Read it carefully.**

HEALTH CARE IN THE USA

Where there is a choice please circle your answer.

Question 1

Which group do you belong to?

White Black Hispanic Asian Native American Other

Question 2

How old are you?

Under 15 15–30 30–50 50–70 70 or older

Question 3

How satisfied are you with the health system in the USA?

Very Satisfied Satisfied Dissatisfied Very Dissatisfied Unsure

Question 4

Why do you think illegal immigrants should not get health cover?

Question 5

If there was a new law requiring all Americans to have health insurance, would you support it?

Yes No Don't Know

After checking your questionnaire with your teacher, you are told that **two** of the questions are poorly expressed.

Identify the **two** questions that are **poorly expressed** and then explain, **in detail**, why each needs to be changed.

(Enquiry Skills, 4 marks)

QUESTION 3 (A) (CONTINUED)

- (e) One of your relatives includes this table with your questionnaires when they send them back.

How concerned are you that current efforts to reform the health care system will . . .	very concerned %	somewhat concerned %	not too concerned %	not at all concerned %	unsure %
. . . reduce the quality of health care you receive?	57	23	10	9	1
. . . reduce your health insurance coverage?	55	26	9	9	1
. . . increase your health care costs?	62	22	9	7	0
. . . limit your choices of doctors or treatments?	56	23	12	8	1
Opinion Poll based on nationwide telephone interviews with 1000 adults, aged 18+, May 6th 2011 in USA Today					

Give **one** detailed reason why the above table is a **good source** for helping you with your investigation.

(Enquiry Skills, 2 marks)

NOW GO TO QUESTION 4 ON PAGE NINETEEN

QUESTION 3 (CONTINUED)

(B) CHINA

(a) *There are a number of ways Chinese people can participate in politics.*

Other than voting, describe **in detail**, the *ways in which Chinese people can participate in politics*.

In your answer, you **must** use Chinese examples.

(Knowledge and Understanding, **8** marks)

[Turn over

QUESTION 3 (B) (CONTINUED)



You have been asked to carry out **two** investigations.
The first investigation is on the topic in the box below.

Employment in China

Now answer questions (b) and (c) which follow.

- (b) State a relevant **hypothesis** for your investigation.
(Enquiry Skills, **2** marks)
- (c) Give **two** relevant **aims** to help you prove or disprove your hypothesis.
(Enquiry Skills, **2** marks)

QUESTION 3 (B) (CONTINUED)



The second investigation is on the topic in the box below.

Health Care in China

Now answer questions (d) and (e) which follow.

- (d) You decide to send a **questionnaire** to your relatives who live in Shanghai, China. Here is a copy of the questionnaire you wish to send. **Read it carefully.**

HEALTH CARE IN CHINA

Where there is a choice please circle your answer.

Question 1

Which group do you belong to?

Han Zhuang Manchu Hui Uyghur Other

Question 2

How old are you?

Under 15 15–30 30–50 50–70 70 or older

Question 3

How satisfied are you with the health system in China?

Very Satisfied Satisfied Dissatisfied Very Dissatisfied Unsure

Question 4

Why do you think illegal rural immigrants should not get health care in the cities?

Question 5

If there was a new law requiring all Chinese people to pay for their own health insurance, would you support it?

Yes No Don't Know

After checking your questionnaire with your teacher, you are told that **two** of the questions are poorly expressed.

Identify the **two** questions that are **poorly expressed** and then explain, **in detail**, why each needs to be changed.

(Enquiry Skills, 4 marks)

QUESTION 3 (B) (CONTINUED)

- (e) One of your relatives includes this table with your questionnaires when they send them back.

How hopeful are you that in future the health care system will . . .	very hopeful %	somewhat hopeful %	not too hopeful %	not at all hopeful %	unsure %
. . . improve the quality of health care you receive?	57	23	10	9	1
. . . increase your life expectancy?	55	26	9	9	1
. . . standardise health care throughout China?	62	22	9	7	0
. . . increase your choices of doctors or treatments?	56	23	12	8	1
Opinion Poll based on nationwide telephone interviews with 1000 adults, aged 18+, May 6th 2011 in China Today					

Give **one** detailed reason why the above table is a **good source** for helping you with your investigation.

(Enquiry Skills, **2** marks)

NOW GO TO QUESTION 4 ON PAGE NINETEEN

SYLLABUS AREA 4—INTERNATIONAL RELATIONS

QUESTION 4

(a)

European Union Policies

Enlarged Membership	Common Fisheries Policy	Aid to the Regions	European Defence Force	Common Agricultural Policy	Single European Currency
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Choose **two** of the policies shown above.

For **each** policy, describe, **in detail**, the ways in which it helps **meet the needs** of member states.

(Knowledge & Understanding, **8** marks)

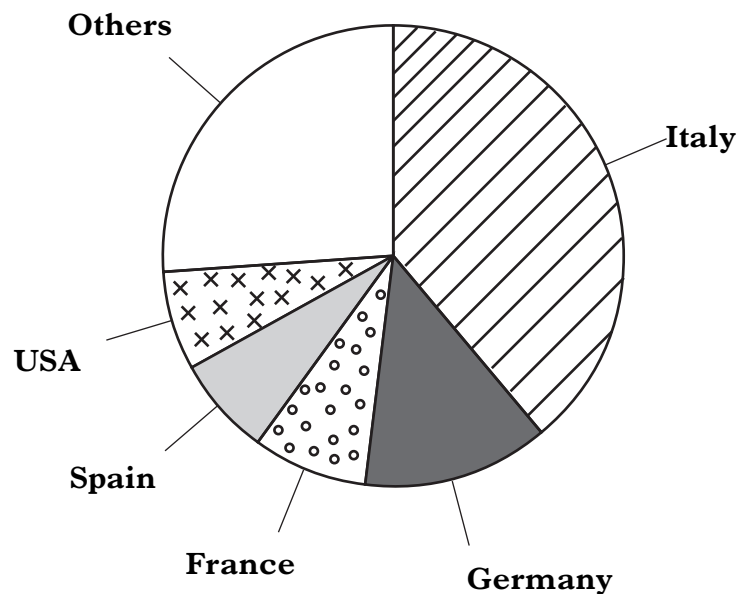
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QUESTION 4 (CONTINUED)

(b) Study Sources 1 and 2 below, then answer the question which follows.

SOURCE 1

Libya's trading partners—top six importers of Libyan goods (%)



SOURCE 2

Libya and its trading partners—
average income in US dollars

Country	2000	2009
France	22,500	32,900
Germany	23,100	35,000
Italy	19,300	31,500
Spain	14,400	34,700
USA	34,600	47,100
Libya	6500	14,800

Of all Libya's trading partners, Spain has seen the largest increase in average income. Libya's biggest trading partner is also the country with the highest average income in both years.

View of Darren McCourt

Using **only** the information above, give **one** reason to **support** and **one** reason to **oppose** the view of Darren McCourt.

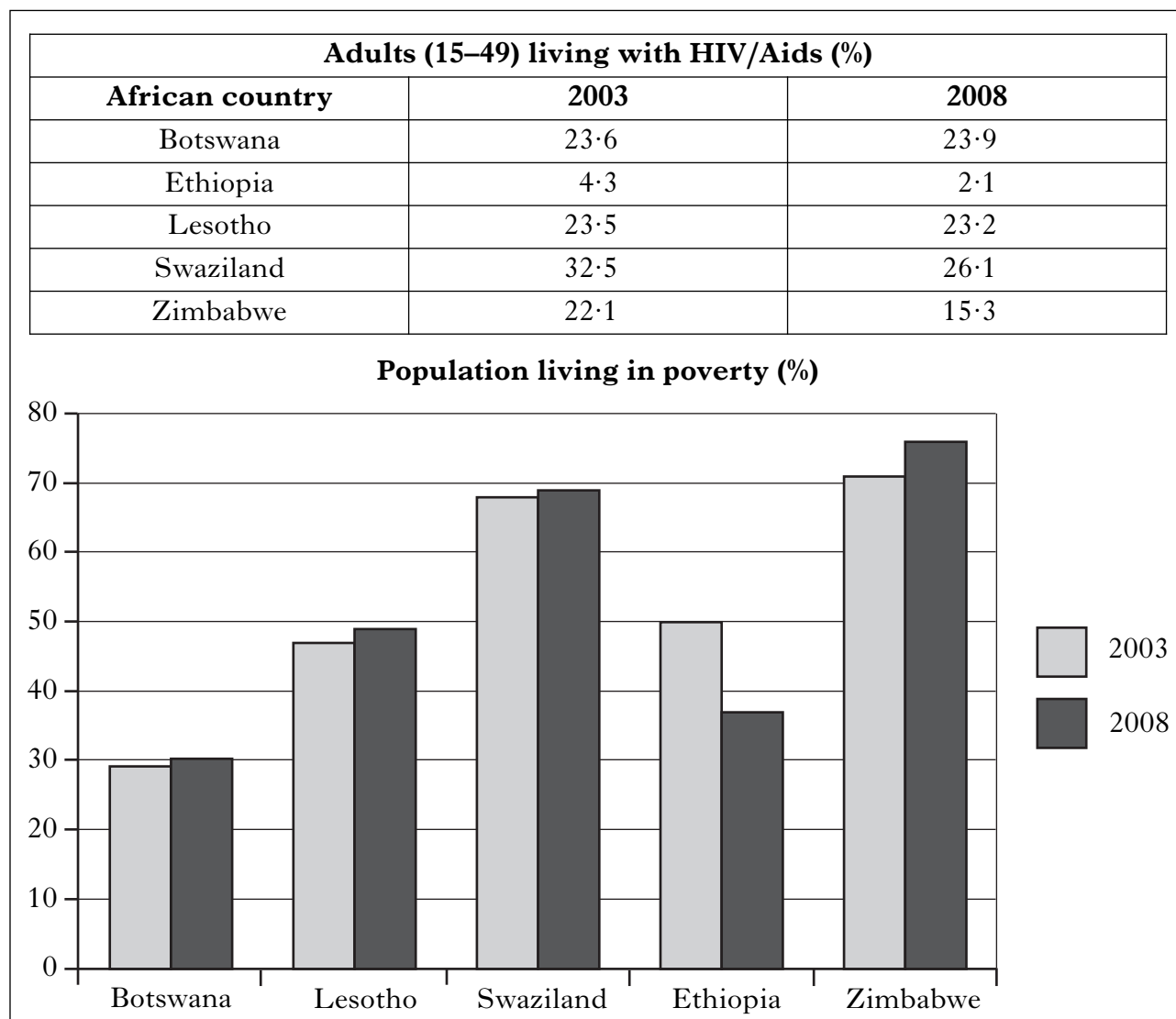
(Enquiry Skills, 4 marks)

[Turn over for Question 4(c) on *Pages twenty-two and twenty-three*

QUESTION 4 (CONTINUED)

- (c) Study Sources 1, 2 and 3 below and on the next page, then answer the question which follows.

SOURCE 1



SOURCE 2

Education—How well is Africa shaping up?

UNESCO is promising to help African countries through its “Literacy Decade” campaign. However, it points out that Africa has a long way to go, as one fifth of African adults are illiterate.

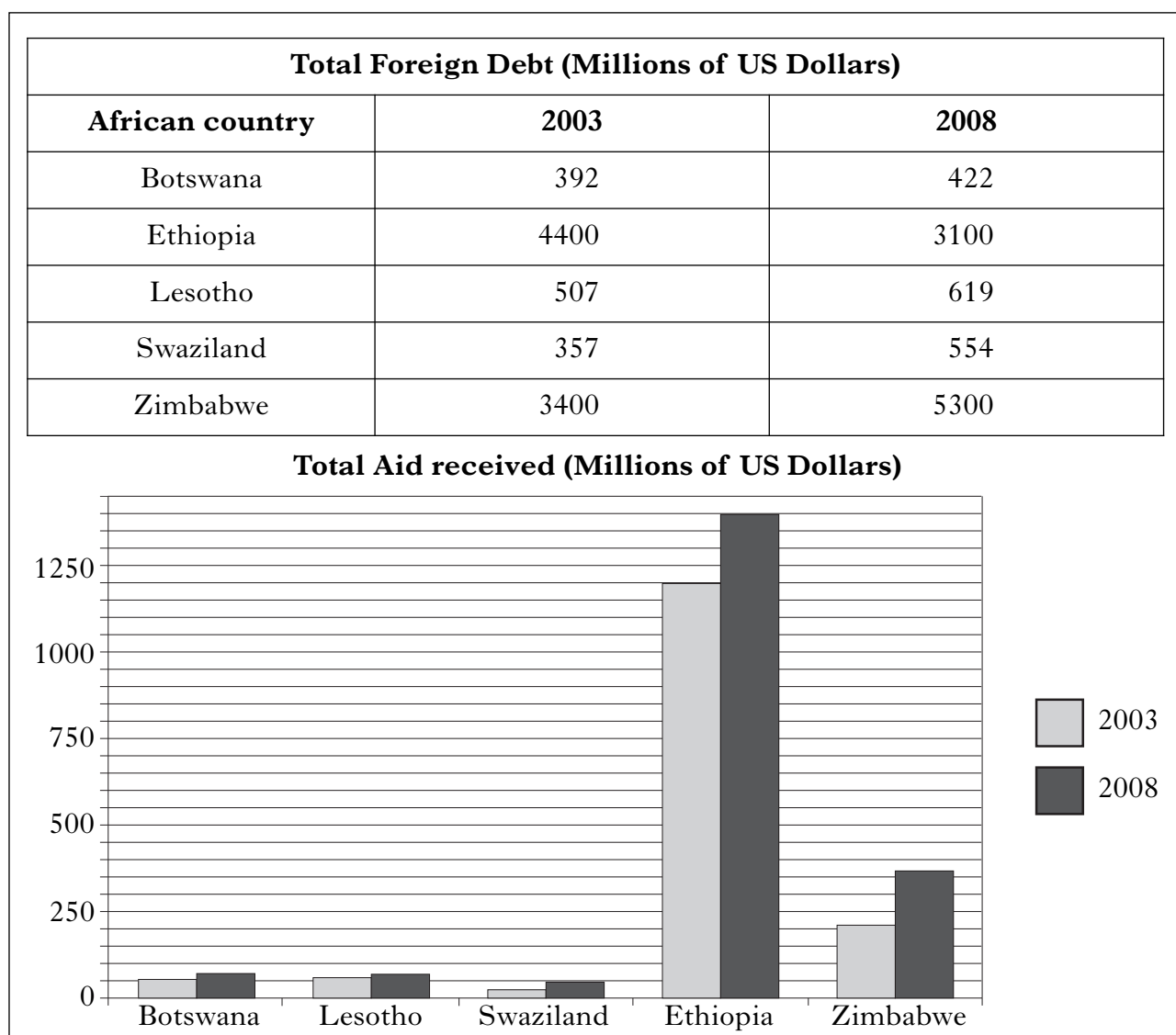
The economic crisis in Zimbabwe has had an effect on the education budget in recent years. They cannot find enough qualified teachers to work in their schools.

The government of Lesotho has shown a commitment to education. They spent 13% of their GDP on schooling in 2008 whilst in 2003, it was 11%. This has had a positive effect on literacy rates.

In Botswana, literacy rates have changed from 80% to 84% since 2003. Every child in Botswana can expect to go to school for twelve years. Swaziland, a country badly affected by HIV/Aids, has seen literacy rates go from 74% in 2003 to 81% in 2008. The situation in Ethiopia mirrors much of Africa with literacy levels going up although they are still low when compared to developed countries.

QUESTION 4 (c) (CONTINUED)

SOURCE 3



It is obvious that increasing aid always reduces poverty in African countries. It is also a fact that most countries with increasing debt are unable to reduce the problem of HIV/AIDS. However, despite these problems, education in the majority of African countries has improved.

View of Ruby McClay

Explain, **in detail, the extent to which** Ruby McClay could be accused of being **selective in the use of facts**.

Use **only** Sources 1, 2 and 3 above and opposite.

In your answer, you should:

- explain, **in detail**, why **each** of the statements made by Ruby McClay is either correct **or** incorrect;
- reach an **overall** conclusion **on the extent to which** Ruby McClay has been **selective in the use of facts**.

(Enquiry Skills, 8 marks)

[END OF QUESTION PAPER]

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