

General Certificate of Secondary Education  
June 2004



**GENERAL STUDIES**  
**Higher Tier**  
**Paper 1**

**3761/1HA**

**H**

Tuesday 25 May 2004 9.00 am to 11.00 am

**In addition to this paper you will require:**

- an objective test answer sheet for Section A;
- a question paper/answer book for Sections B and C, provided as an insert;
- a black ball-point pen.

You may use a calculator.

Time allowed: 2 hours

**Instructions**

**SECTION A**

- Use a black ball-point pen for recording your answers to Questions A1 to A20 on your objective test answer sheet.
- Answer **all** questions.
- For each question there are several alternative responses. When you have selected the response which you think is the best answer to a question, mark this response on your answer sheet.
- Mark all responses as instructed on your answer sheet. If you wish to change your answer to a question, follow the instructions on your answer sheet.
- Do all rough work in this book, **not** on your answer sheet.

**SECTION B and SECTION C**

- Answer **all** questions in **Section B** and **one** question from **Section C**.
- Write your answers to **Section B** and **Section C** in the spaces provided in the enclosed question paper/answer book.

**Information**

- The maximum mark for this paper is 80.
- In **Sections B** and **C** you will be assessed for quality of written communication.

**Advice**

- You are advised to spend about 30 minutes on **Section A** and about 1 hour 30 minutes on **Sections B** and **C**.
- Make sure you hand in **both** your Section A answer sheet **and** your Section B and C answer book at the end of the examination.

**3761/1HA**

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**SECTION A**

Each of Questions **A1** to **A20** is followed by four responses, **A**, **B**, **C** and **D**.

For each question select the best response and mark its letter on the answer sheet.

Each of the questions carries 1 mark.

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**Questions A1 and A2**

An adverb can be defined as

*a word which, when added to a verb (doing word), describes what is happening more clearly.*

Edward was enjoying his ice-cream noisily.

**A1** In the sentence in the box above, the adverb is

- A** Edward.
- B** enjoying.
- C** ice-cream.
- D** noisily.

**A2** The verb in the sentence below is

Edward's ice-cream dripped messily on his trousers.

- A** Edward's.
- B** dripped.
- C** messily.
- D** trousers.

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**Questions A3 and A4**

The Source Materials for Questions A3 and A4 are not produced here due to third-party copyright constraints. The full copy of this paper can be obtained by ordering Paper 1 Tier H (3761/HA/HB) from our publications section.  
Tel: 0161 953 1170.

**A3** Which of the four attractions above is most likely to be advertised as

*Travel back in time. Witness the Big Bang. Be shaken by seismic activity and feel the chill of the polar ice?*

- A** The Deep
- B** Explosion
- C** Action Stations
- D** Dynamic Earth

**A4** Which of the four attractions listed below is most likely to claim as its main purpose

*dedicated to conserving threatened species and promoting biodiversity?*

- A** Pleasureland, Southport
- B** National Botanic Garden of Wales
- C** Chessington World of Adventures
- D** West Midlands Safari Park

**Turn over ►**

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**Questions A5 and A6**

The Italian musical abbreviation for loud music is *f*, for soft music it is *p*. Moderately soft or moderately loud sounds add the letter *m*; to double the intensity of loud music or halve the volume of quiet music the letters are repeated (*ff* or *pp*).

**A5** A crescendo, where the volume of sound is gradually increased, could be expressed as

- A** *ff mf f mp p pp*
- B** *p pp mp mf ff f*
- C** *pp p mp mf f ff*
- D** *ff f mf mp p pp*

**A6** The musical instrument whose name translates literally from Italian as the “soft loud” is the

- A** harpsichord.
- B** organ.
- C** pianoforte.
- D** clavichord.

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**Questions A7 and A8**

A school trip is being planned to a theme park. The travel details are:

Coaches seat 53 people          Mini buses seat 15          Cars seat 4 including driver

108 pupils and 8 staff are booked to go

**A7** Seven staff can have a 'free' ticket into the theme park according to the free staff:pupil ratio. The ratio is therefore

- A** 1:12
- B** 1:13
- C** 1:15
- D** 1:16

**A8** What combination of transport is required to carry the group most efficiently?

- A** coach + coach
- B** coach + coach + mini-bus
- C** coach + coach + car
- D** coach + coach + coach

**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

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**Questions A9 and A10**

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*Round About a Pound a Week* : An account of housewifery in London, 1913

(20s (shillings) = £1; 12d (pence) = 1 shilling)

Income: £1

Expenditure:

Rent: 8s

Food: 7s

Spending money for husband:  $X$

Coal, wood, gas, soap, cleaning and mending: 2s 6d

Clothes: 6d

Burial insurance: 1s

- A9** In order to balance expenditure with income, the husband's spending money ( $X$ ) would be
- A** 6d
  - B** 1s
  - C** 1s 6d
  - D** 2s
- A10** If the budget per day for food was 6d for the husband and 3d for the wife and each of the children, how many children were there in this particular family?
- A** 0
  - B** 1
  - C** 2
  - D** 3

**Questions A11 and A12**

**A11** Which answer (A to D) allows each of the following to be true?

- All puddings are nice
- This dish is a pudding
- No nice things are wholesome

- A** All puddings are wholesome
- B** This dish is unpleasant
- C** This dish is not wholesome
- D** No puddings are dishes

**A12** Which answer (A to D) allows each of the following to be true?

- Every one who is sane can do logic
- No lunatics are fit to serve on a jury
- None of your sons can do logic

- A** None of your sons are fit to serve on a jury
- B** All juries are full of lunatics
- C** Logic is no use at all to members of a jury
- D** Lunatics are very good at logic

**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

**Questions A13 and A14**

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**A13** The device above is used for

- A** eye surgery.
- B** star gazing.
- C** playing CDs.
- D** printing.

**A14** The acronym LASER means light amplification by stimulated emission of radiation.

An acronym is

- A** a word which means a scientific term.
- B** a word made from initials of other words.
- C** a device for amplifying electrical signals.
- D** a word which does not appear in a dictionary.



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**Questions A15 and A16**

Students achieving two or more A Levels  
(figures are percentages of 18 year olds in the population)

1975/76	Female	12.1
	Male	14.5
1996/97	Female	23.1
	Male	19.6

**A15** Each of the following statements can be justified from the information given in the table **except**

- A** in 1975/76 males were more successful at A Level than females.
- B** females have become more intelligent than males.
- C** females' A Level performance has increased since 1975/76.
- D** males' performance has fallen relative to that of females.

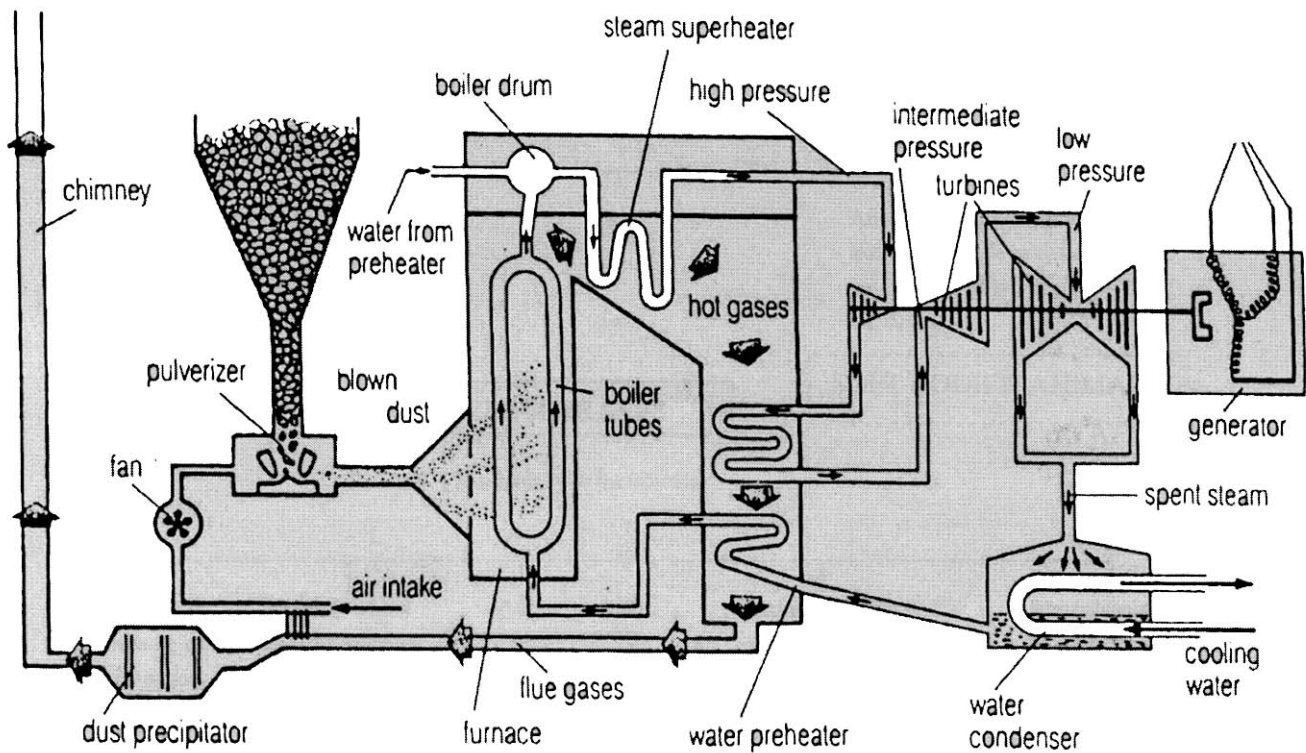
**A16** The trend shown from 1975/76 to 1996/97 is likely to have led to

- A** a decrease in demand for university places.
- B** an increase in demand for university places.
- C** fewer females in 16-18 education.
- D** fewer males in 16-18 education.

**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

## Questions A17 and A18



Source: from the *Hutchinson Encyclopedia*, © 2003 Research Machines PLC, Helicon Publishers

A17 The diagram above shows a

- A coal powered power station.
- B steam engine.
- C hydroelectric plant.
- D waste incinerator.

A18 The turbines in the diagram above are

- A turned by the generator.
- B cooling plates.
- C turned by the steam.
- D used to turn the steam into water.

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**Questions A19 and A20**

In the Grand Hotel, a cup of coffee costs £1.75. The costs at each stage of the coffee's journey from farm to restaurant are made up as follows:

Farmer of the beans	1.5 p
Haulage of the beans	2 p
Marketing and drying the beans	7.5 p
Export costs	12 p
Packaging and marketing the coffee	25 p
Roasting and processing the coffee	62 p
Restaurant's profit	30 p
Restaurant's costs	X p

**A19** The restaurant's costs (X) are

- A** 30 p
- B** 35 p
- C** 62 p
- D** £1.75

**A20** Which of the following statements can be deduced from the information above?

- A** Restaurant coffee is too expensive.
- B** It is cheaper to roast coffee beans before exporting them to the UK.
- C** Coffee growers receive less than 1% of the final price of the coffee.
- D** The biggest leap in the costs of the chain is due to packaging and marketing.

**QUESTION A20 IS THE LAST QUESTION IN SECTION A  
ON YOUR ANSWER SHEET IGNORE ROWS 21 TO 50**

**TURN OVER FOR SECTION B STIMULUS MATERIAL**

**Turn over ►**

**SECTION B**  
**Stimulus Material**

Study the following information and answer **all** the questions in Section B,  
which are printed in the enclosed question paper/answer book.

**Item A**

**SOME FACTS AND FIGURES ABOUT NURSES AND MIDWIVES**

- \* 60,000 nurses from overseas currently work in the National Health Service.
- \* Most of the 15,000 nurses who came to work in the UK in 2001 came from the Philippines, Jamaica, Ghana, Botswana and South Africa. Many had a poor grasp of English.
- \* UK hospitals need another 35,000 nurses over the next 5 years.
- \* The NHS workforce is ageing with more than a quarter of all nurses, midwives and health visitors being aged 50 or above.
- \* UK trained nurses who can earn £19,000 at home could earn £50,000 in the United States.
- \* 6,256 nurses and midwives moved abroad to work in 2001.

*Source:* adapted from the Nursing and Midwifery Council Report, 2002

**Item B**



## **And why British nurses are going west for a better deal**

IN a few days Alison Webster will leave for the U.S. – and her only regret is that she did not make the move earlier.

The 34-year-old nurse from Derby is moving to Seattle for a basic £35,000 – and more for unsocial hours. She currently earns £17,000.

She is an HIV specialist but has been doing agency work for a year while waiting for her green card.

Miss Webster, who found her job via the Geneva Health International recruitment agency, had to pass an exam last year like all those

*Alison Webster: No worries*

wishing to nurse in the U.S. Now she is 'looking forward to a challenging job and to more money'.

American nurses are made to feel appreciated, she said. 'The human resources department are paying my first month's rent and bills up-front so I have no domestic worries,' said Miss Webster.

Cash is not the only attraction. 'This job offered exactly what I was looking for – the chance to work in a small unit with lots of training opportunities,' she said.

*Source:* Daily Mail, November 2002

**Item C**

The Source Material for Questions B1(c), B1(d), B2(b), B2(c) and B3(b) is not produced here due to third-party copyright constraints. The full copy of this paper can be obtained by ordering Paper 1 Tier H (3761/HA/HB) from our publications section. Tel: 0161 953 1170.

**TURN OVER FOR SECTION C**

**Turn over ►**

## SECTION C

Answer **one** question, **EITHER** C1, C2 or C3.  
Write your answers in the spaces provided on pages 5 to 8 of the other booklet.  
Each question carries 30 marks.

C1

## Item D



Source: Front page headline from the *Daily Mail*, October 2003

## Item E



Source: Photograph by TIM GRAHAM  
for *Majesty Magazine*

The Prince of Wales and his  
grandmother on her 100th birthday.

## Item F



Source: *BBC News*, August 2001

The Queen and Prince Philip at the State  
Opening of Parliament.

- (a) **Items D** and **E** show different views of the Royal Family.  
Explain the different ways in which the media portray the Royal Family. (10 marks)
- (b) Explain the arguments for **and** against keeping the monarchy in the UK. (20 marks)

C2

Item G



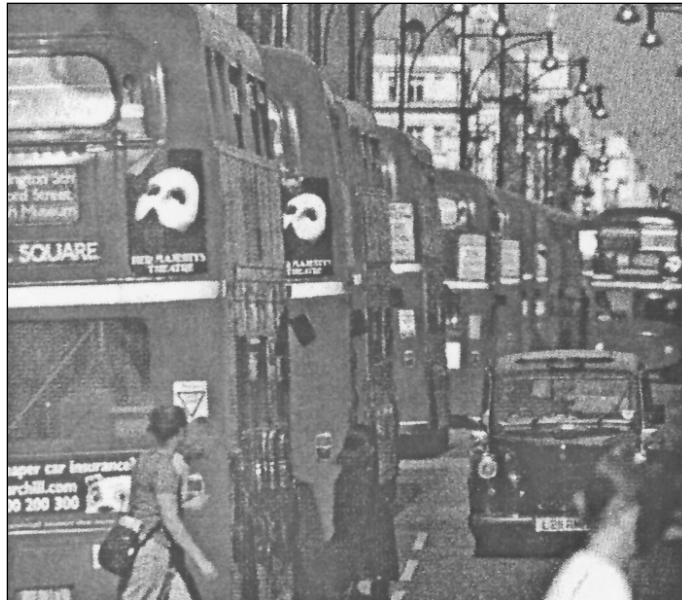
Source: © Airbus  
A European Airbus

Item H



Source: The Marine Society, [www.marine-society.org](http://www.marine-society.org)  
'British Harrier', a tanker capable of carrying 150,000 tonnes of oil

Item I



A view along Oxford Street, London

- (a) Explain the risks faced by modern air and sea captains in their daily work. (10 marks)
- (b) UK public transport is sometimes seen to be in a mess. Explain the problems facing public transport and outline some possible solutions. (20 marks)

Turn over ►

C3

Item J



Playing roulette in a casino

Item K



*Source: Country Illustrated, August 2003*  
Shahrastani wins the Epsom Derby at 11 – 2

Item L

**Everybody knows what the National Lottery is - how it is played, how big the prizes are - but not so many of us understand what it does.**

The National Lottery was established by Parliament to raise money for worthwhile causes. The five good causes - arts, sports, charities, heritage and celebrating the millennium - were chosen by Parliament. There are eleven distributing bodies responsible for giving grants to these good causes. They are the Sports and Arts Councils of England, Scotland, Wales and Northern Ireland, the National Lottery Charities Board, the Heritage Lottery Fund and the Millennium Commission.

Out of every pound spent on the National Lottery, 28 pence goes to the five good causes. So each good cause gets 5.6 pence.

*Source: adapted from the National Lottery internet site*

- (a) Explain why people turn to the various forms of gambling. (10 marks)
- (b) What are the arguments for **and** against continuing to run a National Lottery in the UK. (20 marks)

**END OF QUESTIONS**

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