

General Certificate of Secondary Education  
June 2004



**GENERAL STUDIES**  
**Foundation Tier**  
**Paper 1**

**3761/1FA**

**F**

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 75.
- 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.

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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 20 questions carries 1 mark.

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**Questions A1 and A2**

- A1** Stories about fantastical events happening in a technically advanced or future time or on different worlds are called
- A** autobiography.
  - B** biography.
  - C** non-fiction.
  - D** science fiction.
- A2** A “biography” is a life story of somebody who is not the author. Something that can move is “mobile”. The subject of handwriting is graphology.  
What does the prefix “auto-” mean, as in autobiography, automobile and autograph?
- A** automatic
  - B** driven
  - C** self
  - D** without help

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**Questions A3 and A4**

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.

**A3** In the sentence in the box above, the adverb is

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

**A4** 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.

**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

**Questions A5 and A6**

The Source Material for Question A5 is not produced here due to third-party copyright constraints. The full copy of this paper can be obtained by ordering Paper 1 Tier F (3761/FA/FB) from our publications section. Tel: 0161 953 1170.

- A5** The picture above shows a building in Paris, designed in the “Hi-tech” style. Which of the following **best** defines this style of architecture?
- A** The use of pointed arches, spires and decorated windows.
  - B** The highlighting of angles, supports and structure on the outside.
  - C** The use of large blocks and brick surfaces.
  - D** The emphasis on curves and the lightness of materials.

The Source Material for Question A6 is not produced here due to third-party copyright constraints. The full copy of this paper can be obtained by ordering Paper 1 Tier F (3761/FA/FB) from our publications section. Tel: 0161 953 1170.

- A6** The picture above shows another building in Paris, designed in the “Gothic” style. Which of the following **best** defines this style of architecture?
- A** The use of pointed arches, spires and decorated windows.
  - B** The highlighting of angles, supports and structure on the outside.
  - C** The use of large blocks and brick surfaces.
  - D** The emphasis on curves and the lightness of materials.

Questions A7 and A8



1



3



5



7



2



4



6



8

*Source:* Crown copyright material is reproduced with the permission of the Controller of HMSO and the Queen's Printer for Scotland

- A7** As a motorist drives into the countryside she slows for loose chippings, drives over an uneven road, descends a steep hill and drives through a small stream.

In order, which four of the above warning triangles will she pass?

- A** 1 4 5 8  
**B** 2 4 6 8  
**C** 1 4 5 7  
**D** 2 3 6 7
- A8** Which one of these signs would be least likely to appear in mainland countries of the European Union?
- A** 1  
**B** 3  
**C** 5  
**D** 7

**TURN OVER FOR THE NEXT QUESTION**

**Turn over ►**

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**Questions A9 and A10**

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Tel: 0161 953 1170.

**A9** 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

**A10** 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

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**Questions A11 and A12**

The map below shows the international time zones. Each division relates to a one hour gain or loss from the time at the Greenwich Meridian.

The Source Material for Questions A11 and A12 is not produced here due to third-party copyright constraints. The full copy of this paper can be obtained by ordering Paper 1 Tier F (3761/FA/FB) from our publications section.  
Tel: 0161 953 1170.

- A11** If you fly from LONDON to RIO DE JANEIRO, when you land you would have to adjust your watch by
- A** – 4 hours.
  - B** – 3 hours.
  - C** + 3 hours.
  - D** + 4 hours.
- A12** When it is 8 a.m. in LONDON the time in SYDNEY will be
- A** 5 p.m.
  - B** 6 p.m.
  - C** 11 p.m.
  - D** 12 midnight.

**Turn over ►**

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**Questions A13 and A14****Arguments for and against hanging**

“Deters serious crime”

“Might not be a swift death”

“Makes society little better  
than the criminal”

“Saves on prison costs”

“Satisfies society’s desire for  
revenge”

“Might hang the wrong  
person”

**A13** The above points were raised in a school debate about hanging. How many arguments were made against hanging?

- A** 2
- B** 3
- C** 4
- D** 5

**A14** “The killing of a human being with a weapon” (1)  
“The unlawful unplanned killing of one human being by another” (2)  
“Any unexplained violent death” (3)  
“The unlawful planned killing of one human being by another” (4)

Which one of the above definitions is the most accurate definition of murder?

- A** (1)
- B** (2)
- C** (3)
- D** (4)



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**Questions A15 and A16**

Consider the following true statements about the history of the Caribbean:

The population of the Caribbean is largely of African origin.  
The Caribbean used to be the main source of sugar for European countries.  
Sugar production was very labour intensive.

**A15** Which of the following is most likely to be true of the 18th century?

- A** People left Africa because the weather was better in the Caribbean.
- B** People left Africa because of high unemployment.
- C** People from Africa established Caribbean sugar plantations.
- D** People were taken from Africa to work as slaves on sugar plantations.

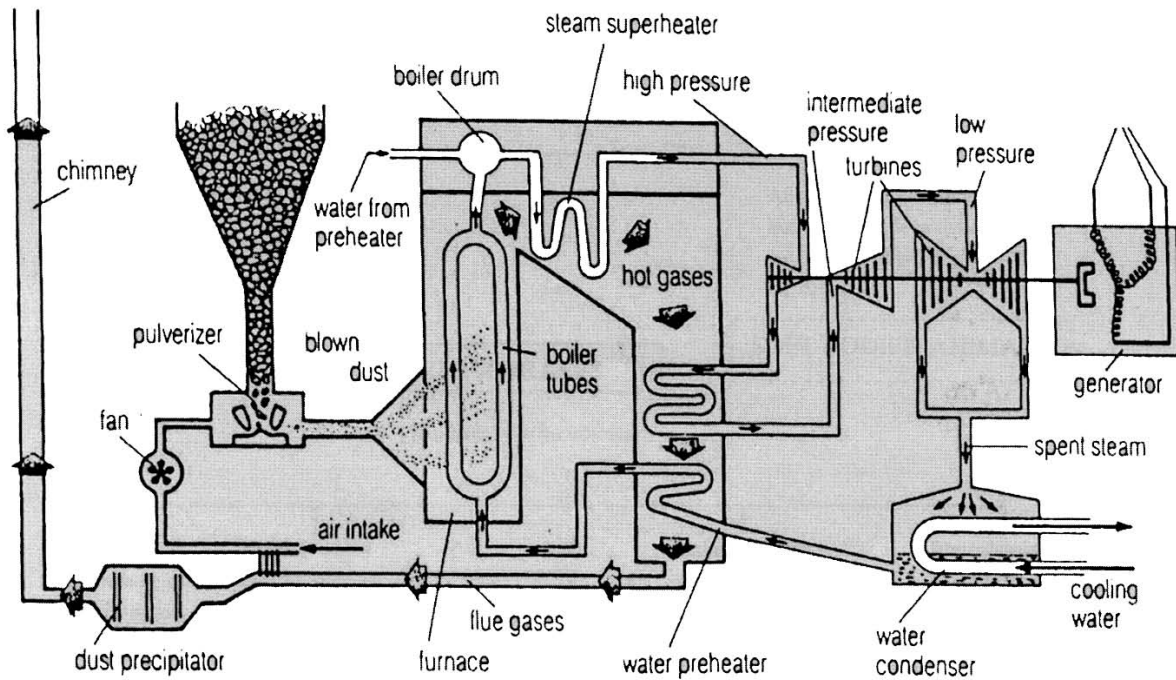
**A16** The term which could best be used to describe much of today's Caribbean population would be

- A** Afro-American.
- B** Euro-African.
- C** Afro-Caribbean.
- D** Indo-Caribbean.

**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.

**Questions A19 and A20**

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Tel: 0161 953 1170.

- A19** A young animal can breathe in water but as an adult it breathes air. It needs water to breed and has a soft skin.

In the diagrams above it belongs to the group of

- A** amphibians.
- B** fish.
- C** reptiles.
- D** soft bodied animals.

- A20** Which of the following is an Arthropod?

- A** ladybird
- B** newt
- C** penguin
- D** tortoise

**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 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.

*Alison Webster: No worries*

*Source: Daily Mail, November 2002*

**Item C**

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

**TURN OVER FOR SECTION C**

## SECTION C

Answer **one** question, **EITHER C1 or C2.**

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) Explain **two** problems faced recently by the Royal Family. (4 marks)
- (b) How does the British media present the Royal Family? (8 marks)
- (c) What are the arguments for **and** against keeping the monarchy in the UK? In your answer you should consider tradition, popularity, tourism, cost, private lives and undemocratic succession. (18 marks)



C2

## Item G



Source: © Airbus

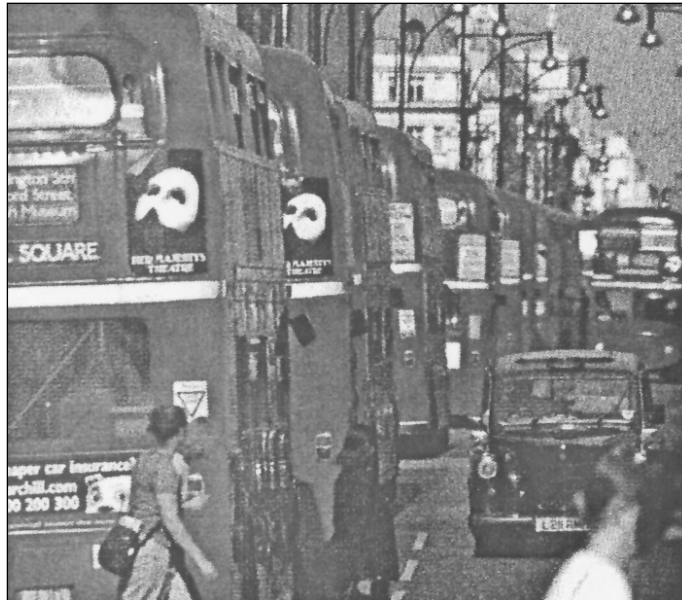
A European Airbus

## 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 **two** dangers associated with air travel. (4 marks)
- (b) What difficulties might the captain of a fully laden oil-tanker face when navigating around the coast of Britain? (8 marks)
- (c) Explain the problems facing public transport and outline some possible solutions. In your answer you should consider overcrowding, fares, condition of vehicles, staff attitudes and station facilities. (18 marks)

**END OF QUESTIONS**

**THERE ARE NO QUESTIONS PRINTED ON THIS PAGE**

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Surname						Other Names					
Centre Number						Candidate Number					
Candidate Signature											

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General Certificate of Secondary Education  
June 2004



**GENERAL STUDIES**  
**Foundation Tier**  
**Paper 1 Sections B and C**

**3761/1FB**

**F**

Tuesday 25 May 2004 9.00 am to 11.00 am

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

- the Section B stimulus material in other booklet;
- the Section C questions in other booklet.

You may use a calculator.

Time allowed: 2 hours

**Instructions**

- Use blue or black ink or ball-point pen.
- Fill in the boxes at the top of this page.
- Answer **all** questions in Section B and **one** question in Section C.
- Write your answers to Section B and Section C in the spaces provided in this answer book.
- Do all rough work in this book. Cross through any work you do not want marked.

**Information**

- The maximum mark for Section B is 25.
- The maximum mark for Section C is 30.
- Mark allocations are shown in brackets.
- In Sections B and C, you will be assessed on your ability to use an appropriate form and style of writing, to organise relevant information clearly and coherently and to use specialist vocabulary, where appropriate. The degree of legibility of your handwriting and the level of accuracy of your spelling, punctuation and grammar will also be taken into account.

**Advice**

- You are advised to spend about 40-45 minutes on Section B and about 40-45 minutes on Section C.
- Make sure that you hand in **both** your answer sheet for Section A **and** this answer book at the end of the examination.

For Examiner's Use			
Number	Mark	Number	Mark
B1			
B2			
B3			
B4			
B5			
C			
Total (Column 1)	→		
Total (Column 2)	→		
TOTAL			
Examiner's Initials			

**SECTION B**

Study the stimulus material provided on pages 12 and 13 of the other booklet.

Answer **all** the questions below in the spaces provided.

Marks allocations are shown in brackets.

**B1** In the stimulus material provided, what word or phrase is used for:

(a) persons qualified to deliver babies and care for mothers before, during and after birth? **(Item A)**

.....  
(1 mark)

(b) a permit, issued to foreigners wishing to live and work permanently in the U.S.A.? **(Item B)**

.....  
(1 mark)

(c) a central, often glass-roofed, hall which extends through several storeys in a public building? **(Item C)**

.....  
(1 mark)

(d) a machine providing a back up supply of electricity? **(Item C)**

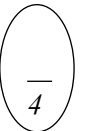
.....  
(1 mark)

**B2** (a) Explain what is meant by ‘poor grasp of English’. **(Item A)**

.....  
.....  
.....  
(2 marks)

(b) Explain what is meant by ‘unsocial hours’. **(Item B)**

.....  
.....  
.....  
(2 marks)



(c) Explain what is meant by ‘operating theatre’. (Item C)

.....  
.....  
.....

(2 marks)

6

**B3** Explain **three** ways in which patients’ lives were put at risk by the ‘teething problems’ of the hospital in **Item C**.

.....  
.....  
.....  
.....  
.....  
.....  
.....

(3 marks)

3

**B4** Refer to **Item A**.

(a) An English nurse is earning £19,000 a year. If her tax and deductions are 20%, how much does she take home **each month**?

Show how you arrived at your answer.

.....  
.....  
.....  
.....

(2 marks)

(b) How many more nurses entered the UK in 2001 than left it?

.....

(1 mark)

(c) If a pound is worth 1.53 dollars, how many dollars is £50,000 worth?

.....

(1 mark)

4

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