

General Certificate of Secondary Education
June 2007



GENERAL STUDIES
Paper 1
Higher Tier

3761/1HA
H

Wednesday 16 May 2007 9.00 am to 11.00 am

For this paper you must have:

- an objective test answer sheet for Section A
- a question paper/answer book for Sections B and C (enclosed)
- a black ball-point pen.

You may use a calculator.

Time allowed: 2 hours (for Sections A, B and C)

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.
- At the end of the examination hand in **both** your Section A answer sheet **and** your Section B and C 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**.

There are no questions printed on this page

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.

Questions A1 and A2

Use the sentence below to answer **Questions A1** and **A2**.

Zoe walked to school willingly but Edward preferred a comfortable car journey.

A1 The adverb in the sentence is

- A** willingly.
- B** but.
- C** preferred.
- D** comfortable.

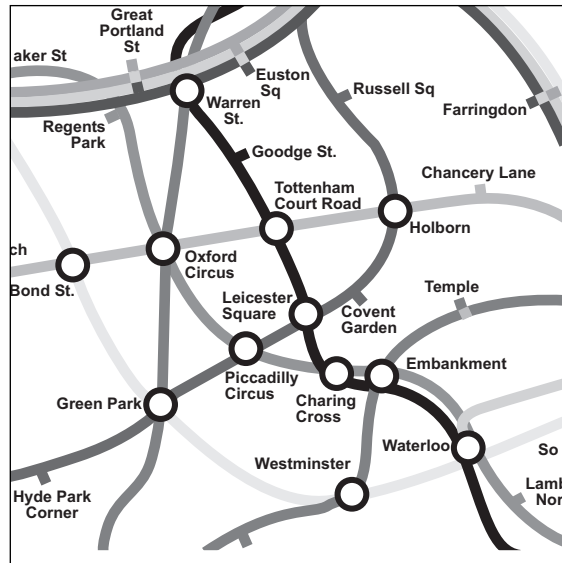
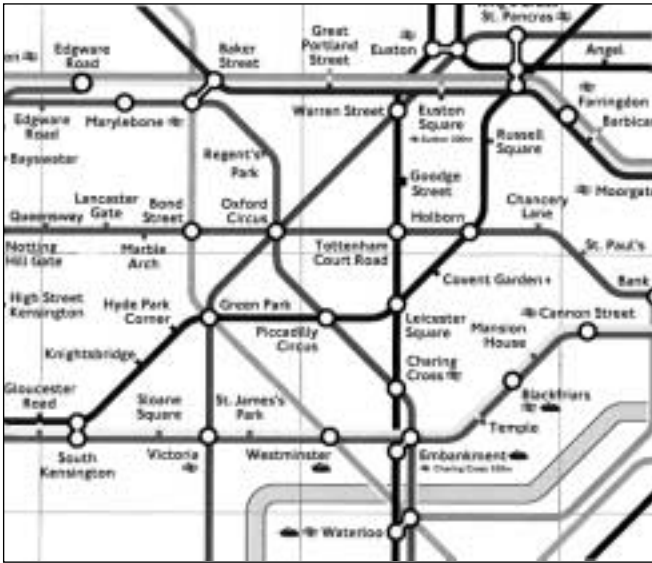
A2 The adjective in the sentence is

- A** willingly.
- B** preferred.
- C** comfortable.
- D** journey.

Turn over for the next question

Turn over ▶

Questions A3 and A4



The above two maps show an area of the London Underground system. The map on the left is the one used officially, though the one on the right has more geographical value.

A3 Which of the following statements best describes the map on the left?

- A** a simplified diagram emphasizing the relation between stations
- B** a satellite image of London with Underground stations clearly shown
- C** an accurate map of the River Thames showing places along the river
- D** a tourist map of the main streets of Central London

A4 The style of the map on the right, compared to the map on the left, could best be described as being

- A** more accurate but less easy to use.
- B** less accurate for pedestrians above ground.
- C** more useful for road users.
- D** less accurate but easier to use.

Questions A5 and A6

Here is a list of arguments:

- Life is God-given.
- It would be dangerous to make judgements about 'quality of life'.
- People are often clinically depressed and unfit to make decisions.
- Unscrupulous or uncaring relatives might influence decisions.
- Decisions could be made on economic not medical grounds.
- The hospice movement is there to relieve suffering.

A5 The arguments above are against

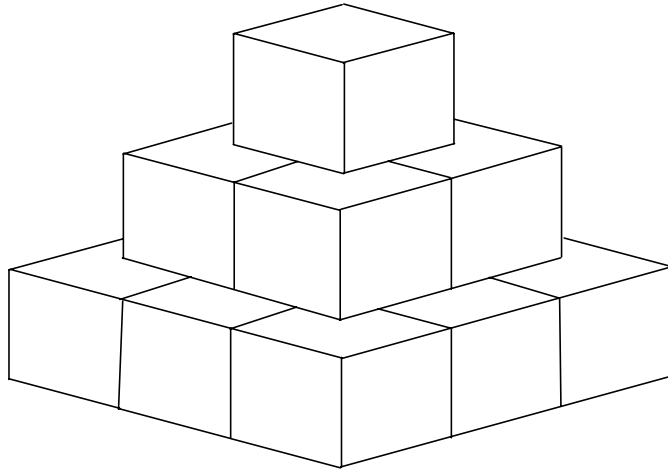
- A** abortion.
- B** donation of organs after death.
- C** long-term care of the elderly.
- D** euthanasia.

A6 Doctors take the Hippocratic Oath in which they promise to strive to preserve life, relieve pain and observe doctor/patient confidentiality. The Oath governs how doctors behave and forms part of

- A** the laws of the United Kingdom.
- B** a code of ethics.
- C** a set of religious morals.
- D** regulations of the European Union.

Turn over for the next question

Turn over ▶

Questions A7 and A8

A7 A child's playground contains a solid pyramid of white cubes cemented to the ground. If the outer surface of the pyramid is painted red how many cubes will remain completely white?

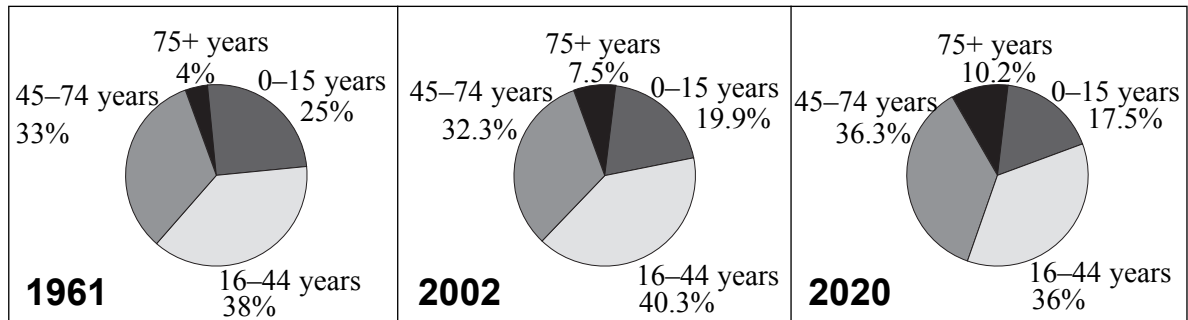
- A** 1
- B** 2
- C** 3
- D** 4

A8 How many will have paint on 3 sides only?

- A** 4
- B** 8
- C** 9
- D** 12

Questions A9 and A10

Distribution of age in the UK population



A9 In 1961 the gap between those above and below 45 years of age was 26%. By 2020 this gap will have shrunk to

- A 3%
- B 7%
- C 11%
- D 15%

A10 Each of the following is a likely consequence of an ageing population **except**

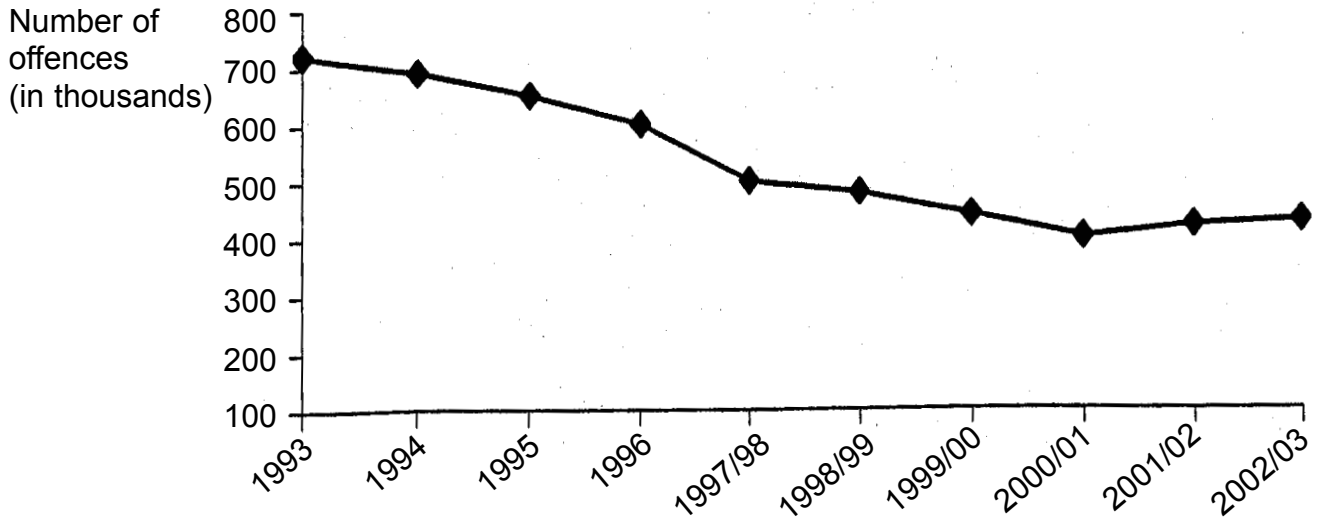
- A workers paying more taxes.
- B people working longer.
- C bigger personal pensions.
- D pressure on the Health Service.

Turn over for the next question

Turn over ▶

Questions A11 and A12

“Burglary in a dwelling” – recorded crime in the UK (1993–2003)



A11 It may be difficult to measure accurate trends in crime recorded by the police because

- 1 the police change their ways of recording crime.
- 2 people may not always report burglaries.
- 3 more people are avoiding sentence by using loopholes in the law.

Answer

- A if 1 only is correct.
- B if 1 and 2 only are correct.
- C if 1 and 3 only are correct.
- D if all are correct.

A12 Between 1997/98 and 2000/01 recorded household burglaries fell by

- A 10%
- B 15%
- C 20%
- D 25%

Questions A13 and A14



A13 The above map is designed for use in

- A telecommunications.
- B energy planning.
- C recreation and tourism.
- D studying voting patterns.

A14 It can be deduced from the map that Ebor is an abbreviation of the Roman name for

- A Brecon.
- B Oxford.
- C Staffordshire.
- D York.

Turn over ►

Questions A15 and A16**Key:**

- Pits, post and stone-holes
- Upright stones
- Fallen stones

The plan-view drawing of Stonehenge is not reproduced here due to third-party copyright constraints. The full copy of this paper can be ordered from our Publications Section.

STONEHENGE, WILTSHIRE, BEFORE 1500 B.C.

The sketched image of Stonehenge is not reproduced here due to third-party copyright constraints. The full copy of this paper can be ordered from our Publications Section.

A15 Which of the following statements about Stonehenge is correct?

- A** The ditch and bank form a continuous ring.
- B** The Heel stone is due North of the Slaughter stone.
- C** There are five fallen stones.
- D** The Heel stone is upright.

A16 Each of the following statements about the diagram is true **except**

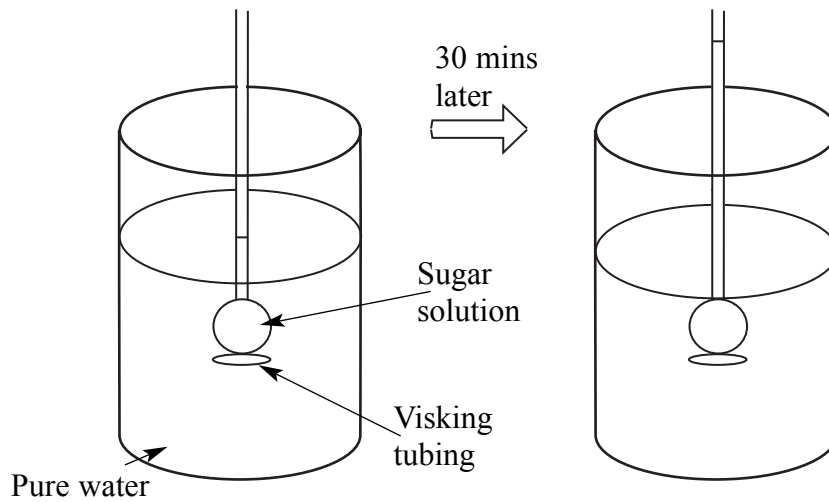
- A** Stonehenge consists only of concentric circles of stones.
- B** a trilithon is two upright stones with a stone lintel on top.
- C** the structure has a ring of monoliths.
- D** stone from South Wales was used to build some of the structure.

Turn over for the next question

Turn over ▶

Questions A17 and A18

Osmosis is the movement of a solvent (liquid) through a semi-permeable membrane separating solutions of different concentrations. The solvent passes from the more dilute solution to the more concentrated one.



A17 The diagram shows an experiment to demonstrate osmosis. After 30 minutes

- A** the water has evaporated.
- B** the sugar solution and pure water have changed places.
- C** the sugar solution is less concentrated.
- D** the pressure on the surface of the water has increased.

A18 Which of the following is an example of osmosis?

- A** Water evaporating from leaves.
- B** Mixing pure water and sugar solution.
- C** Ink spreading through water.
- D** A pear losing water in a concentrated salt solution.

Questions A19 and A20

Healthy hints: Aim to eat 5 portions of fruit and vegetables a day. One portion is one small glass of fruit juice.		
Nutrition		
Typical values	Per serving (200ml)	Per 100 ml
Energy	420 kJ 98 k cal	210 kJ 49 k cal
Protein	0.4 g	0.2 g
Carbohydrate	23.6 g	11.8 g
of which sugars	22.8 g	11.4 g
of which polyols	0.8 g	0.4 g
of which starch	0.1 g	0.4 g
Fat	less than 0.1 g	less than 0.1 g
of which saturates	less than 0.1 g	less than 0.1 g
Fibre	less than 0.1 g	less than 0.1 g
Sodium	less than 0.1 g	less than 0.1 g
Per 200ml serving	98 calories	less than 0.1 g fat
Ingredients: Apple juice, Antioxidant: Ascorbic acid		
How to store and serve		
Storage Once opened, keep refrigerated and consume within 4 days.		
To serve Best served chilled. Shake well before use. Approximately 5 servings per pack.		

A19 This information comes from a carton of apple juice. There appears to be a mistake in the quantity of

- A protein.
- B sugars.
- C starch.
- D sodium.

A20 What size is this carton?

- A ½ litre
- B 1 litre
- C 1½ litres
- D 2 litres

**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

WHAT A FARCE!

The **Turner Prize**, established in 1984, is an annual prize awarded to a British artist under fifty for an outstanding exhibition or other presentation of their work in the preceding twelve months. It has become Britain's most publicised art award.

One problem was what to call the Prize. The founders of the Prize chose the name of JMW Turner because many of his paintings hang in the Tate Gallery where the Prize takes place. Although he was controversial in his own day (the 19th century), he is now seen as one of the greatest British Artists. There are conflicting views about whether or not Turner would have approved.

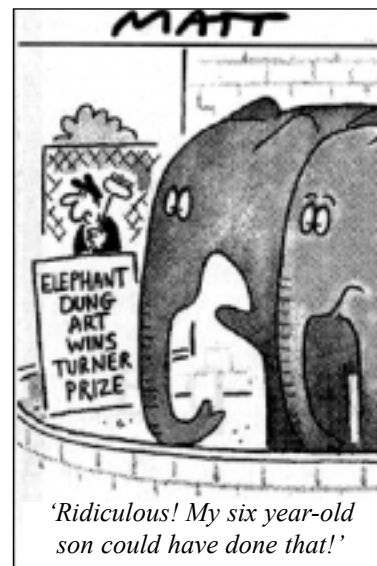
- The Turner Prize has played a vital role over the last 20 years in bringing British contemporary art to the attention of a wider audience.
- In 2004, the value of the Turner Prize was raised to £ 40 000, with £ 25 000 being awarded to the winner and £ 5000 each to other artists on the shortlist.
- It is intended to encourage new developments in British art.
- It is now widely recognised as one of the most prestigious awards for the visual arts in Europe.

The critic Brian Sewell said that, "The annual farce of the Turner Prize is now as inevitable in November as is the pantomime at Christmas", and there have been other less formal attacks on the prize. For instance, in 1999 two artists, Jian Jun Xi and Yuan Chai, jumped onto Tracey Emin's work, *My Bed*, stripped to their underwear and had a pillow fight. Police detained the two men, who called their performance *Two Naked Men Jump into Tracey's Bed*.

(i)

Item B

(ii)



Item B (continued)

(iii)



'Some nice people called Turner just gave me a £20,000 prize for my snowman!'

(iv)



'Wake up Norman. You've been nominated for the Turner Prize.'

Item C

The following artists took part in the Turner Prize.

1 Chris Ofili says 'the way I work comes out of experimentation, but it also comes out of a love of painting, a love affair with painting.' He experiments outside the traditional confines of oil paint, introducing things like elephant dung into his work; he enjoys the tension between the beautiful paint surfaces and the ugliness of the dung.

2 Tracey Emin makes paintings, drawings, prints, sculpture, film, video, embroidery-collage, neon and written text. Critics have noted the wistfulness, poetry, humour and honesty that underpin her works. *My Bed*, the work shown at the Turner Prize exhibition in 1999, illustrates themes of loss, sickness, love, conception and death – almost the whole human life-cycle in the place where most of us spend our most significant moments.



My Bed 1998

3 Damien Hirst was awarded the Turner Prize in 1995 for his work *Mother and Child Divided*, consisting of four glass tanks containing the severed halves of a cow and its calf.

The impulses driving Damien Hirst's work stem from problems in human life: 'I am aware of mental contradictions in everything, like: I am going to die and I want to live for ever. I can't escape the fact and I can't let go of the desire'. The materials he uses often shock, but he says he 'uses shock almost as a formal element. Not so much to thrust his work in the public eye but rather to make aspects of life and death visible'.

Turn over ►

SECTION C

Answer **one** question, **either** C6, C7 or C8.

Write your answers in the spaces provided on pages 5 to 8 of the other booklet.

Each question carries 30 marks.

C6 Look at the photographs and then answer the questions below.

Item D



Item E



Item F



- (a) 'A lot of what is learnt at school is of no real use.'
How far do you agree or disagree with this statement? (10 marks)
- (b) What are the advantages **and** disadvantages of staying in full time education after the age of 16? (20 marks)

C7 Look at the photographs and answer the questions below.

Item G



Item H

The image of two children carrying a water jug across a dried up and cracked river/lake bed is not reproduced here due to third-party copyright constraints. The full copy of this paper can be ordered from our Publications Section.

- (a) What are the main differences between more developed and less economically developed countries? *(10 marks)*
- (b) What are the causes **and** effects of poverty in less economically developed countries? *(20 marks)*

Turn over ▶

C8 Look at the items and answer the questions below.

Item J

The image of the video cover for *'Celebrities: Caught On Camera'* is not reproduced here due to third-party copyright constraints. The full copy of this paper can be ordered from our Publications Section.

Item K

The table listing the 'Top 10 highest-paid music and media stars, 2003' is not reproduced here due to third-party copyright constraints. The full copy of this paper can be ordered from our Publications Section.

- (a) 'Everyone has the right to privacy.'
'The media spotlight is the price of fame.'

How far do you agree or disagree with these statements? *(10 marks)*

- (b) 'A pop star, film star or sports personality can earn much more than a doctor, social worker or teacher.'

Explain why this is so and discuss whether you think such a situation is fair. *(20 marks)*

END OF QUESTIONS

There are no questions printed on this page

There are no questions printed on this page

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- Item A: adapted from *Wikipedia* - 'Turner Prize'
Item B(i): *Mail on Sunday*, 2002
Item B(ii): Matt, *Telegraph Group Limited*, 1998
Item B(iii): Heath, *The Independent*, 1993
Item B(iv): *Daily Mail*, 1999
Item C: image from The Saatchi Gallery, London text © Tate, London, 2005
Item D, E & F: courtesy of St Benedicts HS and Print Express
Item G: Shanty town en Soweto by Témoris, 2005
Item H: Drought image from www.planetebleue.canalblog.com, 2005
Item J: Video cover, *Celebrities: Caught on Camera*, US, 2005
Item K: © *The Sunday Times*, 27 April 2003

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Surname		Other Names	
Centre Number		Candidate Number	
Candidate Signature			

For Examiner's Use

General Certificate of Secondary Education
June 2007

GENERAL STUDIES
Paper 1 Sections B and C
Higher Tier

3761/1HB

H



Wednesday 16 May 2007 9.00 am to 11.00 am

For this paper you must have:

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

You may use a calculator.

Time allowed: 2 hours (for Sections A, B and C)

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.
- Answer the questions 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.
- At the end of the examination hand in **both** your answer sheet for Section A **and** this answer book.

Information

- The maximum mark for Section B is 30.
- The maximum mark for Section C is 30.
- The marks for questions are shown in brackets.
- You are reminded of the need for good English and clear presentation in your answers. Question B5 and any question in Section C should be answered in continuous prose. Quality of Written Communication will be assessed in these answers.

Advice

- You are advised to spend about 40 to 45 minutes on Section B and about 40 to 45 minutes on Section C.

For Examiner's Use			
Question	Mark	Question	Mark
B1			
B2			
B3			
B4			
B5			
C6			
C7			
C8			
Total (Column 1)		→	
Total (Column 2)		→	
TOTAL			
Examiner's Initials			

SECTION B

Study the stimulus material provided on pages 14 and 15 of the other booklet.

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

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

(a) giving rise to debates? **(Item A)**

.....
(1 mark)

(b) a number of applicants from which one is to be selected? **(Item A)**

.....
(1 mark)

(c) limits or boundaries? **(Item C)**

.....
(1 mark)

(d) origin or beginning? **(Item C)**

.....
(1 mark)

B2 (a) Explain what is meant by ‘conflicting views’. **(Item A)**

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

(b) Explain what is meant by ‘contemporary art’. **(Item A)**

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

(c) Explain what is meant by ‘underpin’. **(Item C)**

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

4

6

B3 (a) What does the Turner Prize set out to achieve?

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

(2 marks)

(b) Give **two** reasons why the Turner Prize attracts such public attention.

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

(2 marks)

4

B4 (a) Use **Item A** and **Item B (iii)** to work out the percentage increase in the amount the prize winner gets between the time of the cartoon and 2004.

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

(2 marks)

(b) Use **Item A** to work out how many artists are shortlisted each year.

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

(2 marks)

(c) Which modern artist is being referred to in cartoon **B (ii)**?

.....

(1 mark)

(d) Which modern artist is being referred to in cartoon **B (iv)**?

.....

(1 mark)

6

Turn over ▶

B5 A local council is proposing to spend £30 000 on a controversial piece of art to go in the town hall square.

Give arguments for **and** against this proposal. What conclusions do you think the council might reach?

In your answer to this question you may use information from **Items A, B and C** and your own knowledge. Write your answer to this question using continuous prose.

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(10 marks)

SECTION C

Answer **one** question, **either** C6, C7 **or** C8.

Look at **Section C** (pages 16-18) of the other booklet and write the answers to your chosen question in the space below. Remember to write the question number (C6, C7 or C8).

Each question carries 30 marks.

You should answer this question using continuous prose.

A large area of horizontal dotted lines for writing the answer.

Turn over ►

A series of horizontal dotted lines for writing, enclosed in a rectangular border.

A large rectangular area containing 25 horizontal dotted lines, intended for writing or drawing.