

OXFORD CAMBRIDGE AND RSA EXAMINATIONS

Advanced GCE

GENERAL STUDIES

2968

CULTURE, SCIENCE AND SOCIETY: MAKING CONNECTIONS

Friday

27 JANUARY 2006

Morning

1 hour 30 minutes

Additional materials:  
8 page answer booklet.

**TIME** 1 hour 30 minutes

### INSTRUCTIONS TO CANDIDATES

- Write your name, Centre number and candidate number in the spaces on the Answer booklet.
- Answer **both** questions.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Write your answers in the Answer booklet.
- If you use additional sheets of paper, fasten the sheets to the Answer booklet.

### INFORMATION FOR CANDIDATES

- The number of marks is given in brackets [ ] at the end of each question or part question.
- The total number of marks for this paper is 100.
- In both your answers you should draw upon your studies from the Scientific, Cultural and Social Domains to demonstrate a broad understanding of the issues.
- **Where an answer requires a piece of extended writing, the quality of your written communication will be assessed, including clarity of expression, structure of arguments, presentation of ideas, grammar, punctuation and spelling.**

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**This question paper consists of 7 printed pages and 1 blank page.**

## Section A

Consider the following information about television in the United Kingdom and then answer the question that follows in the form of an essay.

Source 1 – Television Ownership in Private Domestic Households (millions)

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Details: A table showing the amount of houses with televisions compared to the total amount of houses in certain years from 1956 to 2003. Data derived from [www.barb.co.uk](http://www.barb.co.uk)

## Source 2 – Annual Percentage Shares of Viewing (individuals)

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Details: A table showing the annual percentage share of viewers for each channel from 1981 to 2003. Data derived from [www.barb.co.uk](http://www.barb.co.uk)

Source 3

Average Weekly Viewing Hours: Network Individuals

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Details: A graph showing the average weekly viewing hours for individuals over the years 2002-2004. Data derived from [www.barb.co.uk](http://www.barb.co.uk)

- 1 Considering cultural, scientific and social issues, outline and discuss the growth and evolution of television as a major influence on people's lives over the past 50 years. Use the sources to support your arguments where appropriate.

[50]

## Section B

Consider the sources below concerning genetically modified products (GM) and then answer the question that follows in the form of an essay.

Source 1: Where are we now?

**An extract of text has been removed due to third party copyright restrictions**

Details: An extract of text about genetically modified crops adapted from 'Should we become a GM nation?' by Dr. Donald Bruce, Church of Scotland, November 2003

Source 2: Ethics of GM

**An extract of text has been removed due to third party copyright restrictions**

Details: An extract of text about the ethics of GM products, adapted from 'Should we become a GM nation?' by Dr. Donald Bruce, Church of Scotland, November 2003

Sources 1 and 2 are adapted from 'Should we become a GM nation?' by Dr Donald Bruce, SRTP, Church of Scotland, November 2003

Source 3: Uses of GM other than food

**An extract of text has been removed due to third party copyright restrictions**

Details: An extract of text about uses of genetic modification other than food, adapted from 'GM Food Opening Up the Debate' by the Food Standards Agency

Adapted from GM Food opening up the debate , Food Standards Agency.

- 2 By considering cultural, scientific and social perspectives, outline and discuss the arguments in favour of and the objections to the development of genetically modified products. Use the sources to support your arguments where appropriate. [50]



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2968 Jan06