

GCE

General Studies

Advanced GCE

Unit F734: Culture, Science and Society: Making connections

Mark Scheme for January 2013

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This mark scheme is published as an aid to teachers and students, to indicate the requirements of the examination. It shows the basis on which marks were awarded by examiners. It does not indicate the details of the discussions which took place at an examiners' meeting before marking commenced.

All examiners are instructed that alternative correct answers and unexpected approaches in candidates' scripts must be given marks that fairly reflect the relevant knowledge and skills demonstrated.

Mark schemes should be read in conjunction with the published question papers and the report on the examination.

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Annotations

Annotation	Meaning
Yes	recognises a point worthy of credit
Dev	a developed point or development of a point
No	a content error
NAQ	not answering the question
Eg	appropriate examples
Sp/G/Eng	spelling, grammar and language error; you are not expected to correct all of them
()	indicates a choice or a key phrase OR
Кеу	written beside an underlined choice or key phrase
Rubric	rubric infringement
D	description
R	reason
Rep	repetition, often of the question
Ev	evaluation

Subject-specific Marking Instructions

Assessment Objectives

AO1 Demonstrate Knowledge and Understanding

• Demonstrate relevant knowledge and understanding applied to a range of issues, using skills from different disciplines.

AO2 Analysis and Evaluation

• Marshal evidence and draw conclusions; select, interpret, evaluate and integrate information, data concepts and opinions.

AO3 Understanding Knowledge

• Demonstrate understanding of different types of knowledge, appreciating their strengths and limitations.

AO4 Communication

• Communicate clearly and accurately in a concise, logical and relevant way.

Guidance for Examiners

Do not use ticks. It is essential that your annotations show clearly why marks have been awarded or withheld – your team leader will assess your annotation as well as your accuracy.

Stages to an essay mark

Read and annotate **<u>fully</u>** the candidate's response, using any question specific annotations agreed at Standardisation.

Review your annotation, and then consider at which level the answer is located.

Consider its position within the level and a possible mark.

Write a full summative comment using the AO statements from the Generic Mark Descriptors as a comment bank.

Eg

- AO1 good knowledge very limited knowledge and eg
- AO2 examples given
- AO3 personal experience relevant restricted personal experience
- AO4 clearly written Inaccurate Spg

You must make comments additional to the AO statements but **NOT** instead of them. Such comments must be positive and specific, eg excellent use of specialist knowledge AO1, notable for clarity and elegance AO4, some unusual egs well developed, well integrated AO2, the inclusion of personal experience and different perspectives AO3.

Enter the final mark in a circle.

If bullet points are used where continuous prose is asked for, a maximum of 30 marks is available for a 50-mark question.

Assessment objectives balance			
AO1	AO2	AO3	AO4
10	15	15	10

Question	Answer	Marks	Guidance
Question 1	General comment: Indicative content: This question is concerned with: • different rates of attendance at arts events within England • the different types of arts events available • the ways in which arts events can be accessed • the ways in which attendance at arts events might change or develop over the next ten years. The three sources cover Source A	Marks 50	GuidanceRecommended annotation:CF, SF, SciF - factors affecting attendance.AE - example of an Arts event.PX - personal experience or knowledge.Levels of responseThese descriptors are intended as a first guide to examiners. They indicate the characteristics of a top level answer. Marks within a level are awarded when an answer does not include all parts of the qualities
	 Source A the population who are engaged in the arts in the regions in England the responses are divided into gender and ethnicity there are several differences, for example it seems that females have a greater engagement in the arts than males while in the North East there is a greater engagement by white people than ethnic groups, some regions are more actively participating in the arts than others. Source B celebrates a UK theatrical institution that is extending the scope of its influence the NT is embracing developments in technology by broadcasting its productions worldwide 		
	the NT is widening the scope of its audience by new approaches to presentations.		

Question	Answer	Marks	Guidance
	 Source C some of the UK's greatest artists remain relatively unknown and unappreciated due to a lack of exposure to a wider audience celebrations and commemorations of his centenary may promote a wider appreciation of his work. Factors that affect attendance at arts events include: Cultural examples of ethnically centred performances such as street dance etc changing nature of the arts: weekend festivals; televised concerts, pod casts increased media coverage through TV channels: Sky Arts, Discovery, media coverage in specialist magazines or magazine supplements anniversaries and celebrations of art and artists. Scientific developments in technology enable live performances such as those by 'National Theatre Live' opportunity for 'video-conferencing' of events internet enables 'virtual tours' of some museums internet viewing of events can skew the data collected in relation to attendance at arts events use of 'web-cam' events web experiences as an art medium/event in its own right events come to the home rather than people going to events. 		 Level 4 (31–40 marks) The essay will show a good understanding of the issues affecting attendance at arts events (AO1) and will discuss a range of ways in which attendance at arts events might develop or change in the next decade. All of the domains will be considered and links may be established (AO2). The essay will explore the notion of either an increase or a decrease in attendance at arts events together with some reference to the opposing stance. Examples will be offered to support the argument (AO3). The essay will be communicated in a clear and coherent manner (AO4). Level 3 (21–30 marks) The essay will show a range of knowledge relating to issues affecting attendance at arts events (AO1). The essay will consider some ways in which attendance at arts events might develop or change in the next decade. However, not all domains will be covered or there will be imbalance in the coverage (AO2). It is possible that the essay will have no examples of personal experience, or this will be 'hearsay' (AO3). The essay will be communicated with some clarity although there may be limitations in the quality of language and presentation (AO4). Level 2 (11–20 marks) The essay will suggest a modest understanding of issues which relate to attendance at arts events (AO1). There will be limited discussion of the issues and this will probably cover one or two domains. (AO2). The essay will have limited inclusion of examples relating to attendance at arts events or the way in which this might change or develop over the

Question	Answer	Marks	Guidance
	 Answer Social attitudes of the family to arts events may be negative cost of tickets and implications of attending such events regional variations in population affect data in sources, and ability to atcend events opportunity to access the arts through school varies due to policy, infrastructure, ability to access etc access to arts events varies to due transport infrastructure in differing regions of the country socio-economic issues affect attendance (eg disposable income). Using the sources and your own knowledge and experience, discuss how attendance at arts events might develop over the next ten years. advent of cheap access to internet enables people to appreciate what they might not be able to afford to see a number of 'important' exhibitions do not always reach the localities and are situated in major cities thus restricting access photography and digital imaging might mean that fewer people want to see 'the real thing' greater variety of type and style of event and method of accessing it should ensure awareness and interest for a wide range of public. private funding of events will effect whether people will be able to attend due to costs and venue in a time of recession government subsidies might be cut thus reducing opportunities to attend events for various social groups due to cost of entry and accessibility the position of arts in the school curriculum will affect awareness and resultant interest in arts events different ways in which the schools address the arts: 'Artist in residence' for example 	Marks	Inext decade (AO3). The essay will lack clarity and/ or cohesion in presentation of ideas (AO4). Level 1 (0–10 marks) A restricted understanding of the concepts relating to attendance at arts events will be shown (AO1). Discussion relating to issues from the domains will be scant or only one domain will be considered (AO2). An essay in this band will probably have no relevant examples and there will be a restricted appreciation of any issues (AO3). The essay will lack development and clarity of understanding (AO4).

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Question	Answer	Marks	Guidance
	 further developments in technology might affect attendance at live events: Sky Anytime 'live experience' versus what can be seen on TV might ensure continued attendance at events. Please note it is possible that some candidates might make ill reasoned and frivolous comments such as attendance might improve if free meals or drinks are offered. Details of developments could be speculative as well as actual. There could be additional developments by the time the examination is taken particularly after the Olympics. 		

Assessment objectives balance					
AO1	AO2	AO3	AO4		
10	15	15	10		

Question	Answer	Marks	Guidance
	Candidates are expected to outline any one discovery or invention known to them and identify its key features. Impact of discovery or invention on culture, science and society. The choice of invention or discovery could be quite wide (wind turbines, solar panels, hybrid engine are some more 'modern'		Level 4 (31–40 marks) This essay will show good knowledge of a discovery/invention and identify a range of key features (AO1). There will be a discussion about the impact on each of the domains and there might be some consideration of benefits and drawbacks of the impact in relation to some domains (AO2). There will be a range of examples to support both positive and negative impacts
	examples). Examples are given as illustration after each of the points suggested in the mark scheme.To assess the impact of the discovery/invention discussion may include reference to:		(AO3). The essay will be communicated in a clear and coherent manner. A conclusion about the impacts might be present. (AO4).
	 Culture impact upon religious beliefs for example transplants and transfusions impact upon beliefs and attitudes of people of different ethnicity; eg 'playing God,' media influence on public perceptions of some discoveries/inventions; eg growth of organs (ear on mice) access to inventions/discoveries for/by some groups; eg cure for sickle cell anaemia attitudes of people to change over time; eg use of telephone (call box to mobile). 		Level 3 (21–30 marks) This essay will show relevant knowledge about a discovery/invention and some of its key features (AO1). There will be discussion and consideration of its impact on the domains but one might be omitted or with less development than the other two. (AO2). There will be some consideration of the benefits and drawbacks of the chosen invention. There will be some appropriate examples to support the discussion (AO3). The essay will be communicated with some clarity although there may be limitations in the quality of language and presentation (AO4).
	 Science inquisitive nature of Man leads to invention and discovery; eg computer technology subsequent developments as a result of initial invention/discovery; eg internet awareness of science needed in order for chosen invention to have been discovered; eg gene therapy potential drawbacks of discovery or invention; eg mutation of viruses to combat antibiotics improvements in fuel; eg hybrid cars, alternative fuels. 		Level 2 (11–20 marks) This essay will probably identify a discovery/invention but struggle to identify its key features (AO1). As a result discussion about its impact on each of the domains will be limited and it is possible that only one or two domains will be considered (AO2). Examples to support discussion will be restricted and possibly based on 'hearsay' rather than personal experience (AO3). The essay will lack clarity and/ or cohesion in presentation of ideas (AO4).

Question	Answer	Marks	Guidance
	 Society postcode lottery in relation to some inventions/discoveries; eg survival rates for some cancers in south of UK better than those of north improvement in living standards (for some but perhaps not all); eg immunisations lack of personal responsibility due to invention/discovery; eg rise in use of 'morning after pill as a form of birth control costs of invention/discovery and 'who foots the bill'; eg cost of medicines and whether they are approved for use by NHS improvements in transport of/for goods/people; eg bullet train in Japan. 		Level 1 (0–10 marks) This essay will lack knowledge about a discovery/invention and will fail to include any key features relating to it (AO1). As a consequence any discussion about its impact on the domain areas will be poor and it is possible that only one domain will be considered (AO2). It is unlikely that there will be examples to support any observations or comments which are made (AO3). The essay will lack development and clarity of understanding (AO4).

Generic Mark Scheme for questions worth 50 marks.

Levels descriptors

Level 5

AO1	•	select, use and integrate a very good range of relevant knowledge			
	•	show a good understanding of the concepts involved			
AO2	interpret and analyse issues and problems well and evaluate them appropriately				
	•	use evidence to develop complex reasoned arguments and draw sound conclusions on the evidence			
AO3	•	demonstrate very good awareness of the differences between types of knowledge	41–50		
	•	have a very good appreciation of the strengths and limitations of the different types of knowledge			
AO4	•	communicate complex ideas clearly and accurately, using specialist vocabulary where appropriate, in a concise, logical and relevant way			
	•	use a range of the rules of grammar, punctuation and spelling with accuracy and facility.			

Level 4

AO1	 select, use and integrate a good range of relevant knowledge show an understanding of the concepts involved 	
AO2	 interpret and analyse issues and problems and evaluate them competently 	
AUL	 use evidence to develop reasoned arguments and draw conclusions on the evidence 	
AO3	demonstrate good awareness of the differences between different types of knowledge	31–40
	have a good appreciation of the strengths and limitations of the different types of knowledge	
AO4	 communicate ideas clearly and accurately, using specialist vocabulary where appropriate, in a concise, and relevant way 	logical
	 use a range of the rules of grammar, punctuation and spelling with facility. 	

Level 3

AO1	•	select, use and integrate a range of relevant knowledge	
	•	show an adequate understanding of the concepts involved	
AO2	•	undertake some interpretation and analysis of issues and problems and make a superficial evaluation	
	•	use evidence to develop arguments and draw conclusions	21-30
AO3	•	demonstrate awareness of the differences between types of knowledge	21-30
	•	have an appreciation of the strengths and limitations of the different types of knowledge	
AO4	•	communicate clearly, using some specialist vocabulary with facility	
	•	use some of the rules of grammar, punctuation and spelling with facility.	

Level 2

AO1	select, use and integrate a limited range of relevant knowledge	
	 show a modest understanding of the concepts involved 	
AO2	demonstrate limited interpretation and analysis of issues and problems with limited evaluation	
	 use evidence to develop limited arguments and draw limited conclusions 	11.20
AO3	 demonstrate limited awareness of the differences between types of knowledge 	11-20
	have a restricted appreciation of the strengths and limitations of the different types of knowledge	
AO4	communicate ideas with limited clarity, using some specialist vocabulary	
	use some rules of grammar, punctuation and spelling.	

Level 1

AO1	select, use and integrate some knowledge which may not be accurate	
	 show a restricted understanding of the concepts involved 	
AO2	demonstrate poor interpretation and analysis of issues, problems and evaluation	
	recognise arguments and conclusion	0.40
AO3	demonstrate very limited awareness of the differences between types of knowledge	0-10
	have a very restricted appreciation of the strengths and limitations of the different types of knowledge	
AO4	communicate with little clarity using occasional specialist terms	
	use poor grammar and punctuation, and inaccurate spelling.	

OCR (Oxford Cambridge and RSA Examinations) 1 Hills Road Cambridge CB1 2EU

OCR Customer Contact Centre

Education and Learning

Telephone: 01223 553998 Facsimile: 01223 552627 Email: general.qualifications@ocr.org.uk

www.ocr.org.uk

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