

GCE

General Studies

Advanced GCE

Unit F733: Domain Exploration: Applying Synoptic Skills

Mark Scheme for January 2011

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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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Guidance for Examiners

Ticks and crosses may be used in **Questions 1, 2, and 3 of Section A** only. **For Question 4 of Section A and all Questions in Section B** use the annotation below. It is essential that your annotations show clearly why marks have been awarded or withheld.

Yes recognises a point worthy of credit

Dev a developed point or development of a point

No a content error

F indicates a loss of focus in the answer, which often leads to

NAQ not answering the question

eg appropriate example

Sp/G/Eng spelling, grammar and language error; annotate the first half page only

Key written beside an underlined choice or key phrase

Rubric rubric infringement

D description R reason

Rep repetition, often of the question

Ev evaluation

Res reference to a source

Q reference to information given in the question **Sy** identifies a synoptic link made by a candidate

Stages to an essay mark

- read and annotate <u>fully</u> the candidate's response, using *either* the generic annotation above *and/or* any question specific annotations agreed at Standardisation
- review your annotation and then consider in which level the answer is located.
- consider its position within the level and a possible mark.
- fine-tune the mark by considering the Assessment Objectives.

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

eq AO1 good range/depth

[very] limited range and relevance

AO2 competent analysis and evaluation

limited analysis and a superficial evaluation only

AO3 personal experience relevantly adduced

Clear evaluation of different types of knowledge

AO4 fluently written with specialist vocabulary well used

Some fluency but many Sp/Eng/G errors

You may 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, AO2 very perceptive, well integrated AO3 with a wealth of examples. AO4 notably fluent.

Enter the final mark in a circle.

If bullet points are used where continuous prose is asked for, a maximum of Level 3 is available.

Examiners should apply the generic mark scheme to make their initial assessment using a 'best fit', holistic approach. Reference should be made to the indicative content and the assessment objectives to arrive at the final mark.

The maximum mark for this paper is 100

Generic mark scheme for questions worth 50 marks

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 difference between types of knowledge have a good appreciation of the strengths and limitations of the different types of knowledge	41 – 50
AO4	•	communicate complex ideas clearly and accurately using specialist vocabulary where appropriate, in a concise, logical and relevant way use a wide range of rules and 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 well and evaluate them competently use evidence to develop reasoned arguments and draw conclusions on the evidence	
AO3	•	demonstrate good awareness of the differences between types of knowledge have a good appreciation of the strengths and limitations of the different types of knowledge	31- 40
AO4	•	communicate ideas clearly and accurately using specialist vocabulary where appropriate, in a concise, logical and relevant way use a wide range of 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 superficial evaluation use evidence to develop arguments and draw conclusion	
AO3	•	demonstrate awareness of the difference between types of knowledge have an appreciation of the strengths and limitations of the different types of knowledge	21 – 30
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	
AO3	•	demonstrate limited awareness of the difference between types of knowledge have restricted appreciation of the strengths and limitations of the different types of knowledge	11 – 20
AO4	•	communicate ideas with limited clarity, using some specialist vocabulary use some of the rules of grammar, punctuation and spelling.	

Level 1

_			
AO1	•	select, use and integrate some relevant knowledge	
AOI	•	show a limited understanding of the concepts involved	
	•	demonstrate poor interpretation and analysis of issues problems	
AO2		evaluations	
	•	recognise arguments and conclusion	
	•	demonstrate very limited awareness of the differences between	0 – 10
AO3		types of knowledge	
AUS	•	have very restricted appreciation of the strengths and limitations	
		of the different types of knowledge	
AO4	communicate with little clarity using occasional specialist terms		
A04	•	use poor grammar punctuation, and inaccurate spelling.	

SECTION A

Answer <u>all</u> questions in this section.

Question	Answer						Marks
1	Read the so	urce material	below and	d answer t	he questic	on that	[10]
	ALVIN:	We need better and more systematic prediction techniques for natural disasters so that we can protect people and property from death and destruction.					
	BERTHA:	The Preside that no one in New Orleatrue. He is a	anticipated ans – but h	the breach e must kno	n of the floo	d defences	
	CARLY:	An opinion p Louisiana pu obviously he	ıblic thougl			t 66% of the ying, so	
	DWIGHT: But above all we have to face the fact that God was punishing New Orleans for opening five new abortion clinics in the last three years.						
	[Adapted from contributions to Internet discussion forums on the subject of Hurricane Katrina, which wrought havoc in New Orleans in 2005].						
		e <u>four</u> contril faulty. Identi				aterial the	
	QUESTION	AO1	AO2	AO3	AO4	TOTAL	
	1	2	6	0	2	10	
		es need not ide explain why th					
	ALVIN:						
		The statemer techniques w this would be other measur (Begging the	ill confer pı possible o es – eg ev	otection or nly if predica acuation of	n people ar ction were threatened	nd property: allied to	
	BERTHA:	The president is a lie. The father they all d	act that sor	ne politicia			
	CARLY:	The fact that share an opin (Argument ac	ion does n				

Question	Answer		Marks
	DWIGHT:	That events or conditions coincide in time mean that and	
		nothing more. (Cum/post hoc ergo propter hoc)	
		arks for a correct identification of each fallacy, and 2 coherent and lucid communication of the answer.	
	AO1/AO2:	2 + 2 + 2 + 2 plus AO4: 2 (10 marks)	
	Allocate the	e AO4 marks as follows	
	2 marks	If the meaning is clear and the text contains very few errors of SPG.	
	1 mark	If the meaning is partially clear but the text contains frequent errors of SPG.	
	0 marks	If the meaning is not clear.	

Question	Answer						Marks
2	Read the source follows.	e material	below and	d answer t	he questic	on that	[10]
	difference	in boys' and e was clea as being mu	r. The girls	excelled the		e every way,	
	[from an intervie	w with a re	etired teach	ner, 2008]			
		arance is o				an boys, but g than its	
	[from an opinion	poll of Adv	vanced Lev	∕el Examin	ers, 2009]		
	-	d five or mo	•	•	•	ory education ared with	
	[Office o	f National S	Statistics 2	009]			
	Rank the statements A, B and C in the order of their reliability, and for <u>each</u> statement explain your ranking.				iability, and		
	QUESTION	AO1	AO2	AO3	AO4	TOTAL	
	2	2	6	0	2	10	
	The order of re A the least. Indicative conto	is based the addit suggests the girls	on the limi ion of the o an eleme behaved b	ted experie	ence of one bout behav ing testimo acher may	e person, and riour ny: because	
	Statement B:	draws or variety o database implies the given that work is a	n the opinion the boys' and the is large. It hat this is a sate this is a sate this is a sate C. The sate the sate C. The sate this is a sate C. The sate this is a sate C. The sate this is a sate C. The sate control the sate co	ons of peop I girls' exan That they a a well-inforr	le who see nination sc re experier med judger mpression d"] it canno	nent. But [unless the t be as	
	Statement C:	an indep which is Subjectiv examina	endent sou in the publ re judgementions leading	ent on the c	s verified in and thus avalifficulty of a awards is	nformation vailable to all.	

		Marks
Allow C – A No marks fo	ler C – B – A 2 marks A – B for 1 mark or any other order – identify as rel (reliability) marks n of ordering 2 + 2 + 2 = 6 marks – identify as g) marks	
2 marks for	AO4 as follows	
2 marks	If the meaning is clear and the text contains very few errors of SPG.	
1 mark	If the meaning is partially clear but the text contains frequent errors of SPG.	
0 marks	If the meaning is not clear.	

Question	Answer		Marks		
3	The same information about the varying percentages of the adult population of the UK attending cultural events in 2003 is presented below in three different ways. SOURCE A: A table of attendance at cultural events:				
	SOURCE A. A table of attendance	at cultural events.			
	ATTENDANCE BY THE AD AT CULTURAL EV				
	Type of Event	% Attendance			
	Cinema	61			
	Plays	24			
	Art Galleries, Exhibitions, Museums	24			
	Classical Music	13			
	Ballet	7			
	Opera	7			
	Contemporary Dance	5			
		THE ADULT POPULATION RAL EVENTS 2003			
	% age attendance 30% Cinema Plays Art Galleries, Class	sical Music Ballet Opera Contemporary			
	Exhibitions, Museums	Dance			

uestion	Answer						Marks
	SOURCE C:	Δ written re	nort to a n	neeting of	the Arts C	Council·	
	SOUNCE C.	A WITHEIT IC	port to a n	iceting of	tile Alto	ouncii.	
	ATTENDANO 2003	E BY THE AI	DULT POP	ULATION	AT CULT	JRAL EVENTS	
	cinema, which	n attracted 619 s, taken togeth sic attracted on us popular as on unce at 7%. Br	% of the poner, accour only half as oppera and linging up the	pulation. Anted for 24° much as the pallet. Both he rear wa	Art Galleries %, as did the seatre at 13 of these seatre at Contemp	ne theatre. 3%, but was still hared the	
		ive <u>one</u> drawback of <u>each</u> method of representing the same data. xplain which method you think is the most effective.					
	QUESTION	AO1	AO2	AO3	AO4	TOTAL	
	3	2	6	0	2	10	
	Indicative co	ntent			•	<u>. </u>	
	Drawbacks:						
	Diawbacks.						
			dea of the o	comparisor	ns between	attendance at	
	leisure pursui		:41- :	.4:			
	The bar char						
	scrutiny than estimation; from				i making s	offie visual	
	-				fficult – to d	do so involves	
	mental arithm						
	adjectives like	•		iou valuo j	aagomon		
	_		J	4			
	Exceptionally actual number					ges rather than awbacks.	
		_			,		
	The most eff			uetification	,		
	No marks for Table gives p		owaru 101	usuncauul	1.		
	Bar chart give		nd visual ir	nformation	allows rea	ıdv	
	comparison.				,	,	
	Written report			on, easy to	o transmit,	available to the	
	reader for use	e eg in a spee	ch.				
	2 marks for 6	each drawbac	:k — identify	/ as Dh ma	arks		
			•			hod – identify	
	as Ef marks						
		CREDIT	ANY OTHE	R VALID	POINTS		
	[AO1 + AO2	[AO1 + AO2 = 2 + 2 + 2 + 2 = 8 + AO4 2 marks = 10]					
	Allocate AO4	Allocate AO4 marks as follows					
	2 marks If meaning is clear and text contains very few errors						
	of SPG.						
	1 mark	If meaning i			text conta	ins	
		frequent err					
	0 marks	If meaning i	s not clear	r.			

Question	Answer			Marl				
4	Read the source material below and answer the question that follows.							
	Source A							
	Nation	al Daily Newspaper Circu	ılation, July 2009					
	Title Circulation July 2009 % of adult population							
	The Sun	3, 251,000	6.37					
	The Daily Mail	1, 712, 000	3.42					
	The Times	687, 000	1.37					
	[Figures from The	Audit Bureau of Circulation)]					
	Source B							
	The Times is read	by the people who run the	country;					
	The <i>Daily Mail</i> is re	ead by the wives of the peo	pple who run the country;					
	Sun readers don't bikini.	care who runs the country	provided she looks good in a					
		onflict of Interest, Anthony n-off from the BBC tv come	Jay and Jonathan Lynn, dy series <i>Yes Prime Minister</i>]	1				
	What do these so these newspapers	urces suggest about the s?	social significance of					
	Indicative conten	t						
	Source A the statistics them	tell us how many copies ar	re sold, but not who buys					
	offers no sen	se of journalistic importan	ce					
	 the biggest s 	eller may have the stronge	st financial base					
		t the largest seller has the e Times has little influence.	-					
	Source B							
	_	•	hip which is debateable even					
	condescendi	ng element of sexism						
		t The Times may have influ	ience socially					
		t The Times is read by the						
	suggests The	e Sun is the newspaper of a buy newspapers for entertain	a mass market					
			ind that it is acceptable to dge of these newspapers.					

CREDIT ANY OTHER VALID POINTS

Use the levels mark-scheme below to assess answers.

LEVEL 5	Candidates will draw very well-focused conclusions about the readership, relative importance and influence of the three newspapers. They will cover both sources of the question, selecting their evidence from both sources and offering a very wide range of the indicative content. They will make very good and concise analysis and evaluations, and illustrate very well-developed arguments with relevant examples. The answer will be clearly structured and written with facility.	17-20
LEVEL 4	Candidates will draw well-focused conclusions about the readership, relative importance and influence of the three newspapers. They will cover both sources of the question selecting their evidence from both sources and offering a wide range of the indicative content. They will make good analysis and evaluations, and illustrate well-developed arguments with relevant examples. The answer will be structured and clearly written.	13-16
LEVEL 3	Candidates will draw adequate conclusions about the readership, of the three newspapers. They will cover both sources of the question but their coverage may be uneven. They will select their evidence from both sources and offer an adequate range of the indicative content. They will make adequate analysis and evaluations, and may illustrate developed arguments with examples. The answer will intelligibly structured and written.	9-12
LEVEL 2	Candidates will draw limited conclusions about the readership of the three newspapers. They may only cover one source of the question, or, if two are covered, this coverage will be uneven and limited. They may select their evidence from one source, or, if both are used, they will offer a limited range of indicative content. They will make limited analysis and offer simple comment. Examples, if given, may not be apt. The answer will be intelligible but will contain significant errors.	5-8
LEVEL 1	Candidates will draw very limited conclusions about the readership of the three newspapers. They may cover only one source of the question, or, if two are covered, this coverage will be uneven and very limited. They may select their evidence from one source, or, if both are used, they will offer a very limited range of indicative content. They will make very limited analysis and offer very simple comment. Examples, if given, will not be relevant. The answer may be unintelligible in places and will have frequent technical errors.	0-4

An answer drawing on only one source can attract a maximum level 2 Use the standard annotation from page 1.

SECTION B

Answer <u>one</u> question in this section.

Your answer should be in continuous prose.

tion	Answer					Marks
	Read the sour follows.	ce material b	elow and ans	wer the ques	tion that	
	The Pimlico Op Majesty's Priso share the stage West Side Stor	ns culminating with professi	g in public perl ionals. In Marc	ormances in w	vhich inmates	
	"I am not sentir for our sakes) t people, angry a without any vis	o be inside. B and unhappy b	ut jails are full out without wor	of emotionally ds to defuse it	disconnected	
	A reason for sudrama, writing, expression and the work hard, creates extra d	music – is be I vision. Espec as here. It is r	cause the arts cially if the star not light work fo	offer routes fo dard demande	or that ed is high and	
	But it is worth it deeply touched something, too locked gates or moon over the Opera, says fire because we (no	I this week: co , for us free ci n such an eve high walls and mly that outsion	onnections mad tizens who are ning, looking fo d razor wire. W ders need to be	de, hopes raise escorted thro earfully up at a asfi Kani, four e more familiar	ed. It does ugh the many sliver of nder of Pimlico	
	We fund them, they are good, more rage and	rehabilitative				
	[Adapted from	an article by L	ibby Purves in	The Times, M	larch 2 nd 2009]	
	Discuss the arrole of the arts arguments?	•			•	[50]
		Assessm	nent Objective	balance		
	Question	AO1	AO2	AO3	AO4	
	5	7	25	8	10	

Question	Answer	Marks
	 This question involves: evaluation of positive arguments re the arts in prison consideration/evaluation of countervailing arguments the drawing of a balanced conclusion. 	
	Recommended annotation	
	Intro for introduction A+1, A+2, A+ 3 for arguments for the use of the arts in rehabilitating prisoners A-1, A-2, A-3 for arguments against the use of the arts in rehabilitating prisoners Dev for development Appropriate marginal annotation of the text using the list on page 1 Conc for conclusion Summative comment using AOs as headings	
	Indicative content	
	 The potential role of the arts: if crime is caused by "emotional disconnection", the arts can address this the arts can unlock the ability to express – and hence deal with – a wide range of emotions angry criminals can thus diffuse their anger if high standards are demanded then men without focus can find it touching hearts, making connections and raising hope are positive and therefore desirable goals prisoners and staff may meet as equals during arts projects the public own prisons, and should know what goes on in them the arts offer a chance for the public to get involved in this the arts can be a tool for prisons to become rehabilitative places rather than human dustbins to breed more rage and misery. 	
	 What arguments might opponents of these schemes advance? jail should be an uncomfortable experience the arts are seen as a luxury, and there should be no luxuries in jail the primary tasks of prison are to protect society from prisoners and to punish them for their wrongdoing criminals should not have access to the arts when others are denied it singing and dancing have no place in a prison to stay out of "human dustbins" criminals should simply go straight this is one more example of do-gooders out of their depth in the real world and of the soft approach to crime and criminals which is ruining society and the way in which prisons are becoming too comfortable talk of "emotionally disconnected" criminals is making in effect excuses for them. 	

Question	Answer	Marks
220311011	Examiner tolerance Examiners may be tolerant in their interpretation of "the arts" to include other more specifically skills based education in prisons eg literacy classes and recreational craftwork.	
	An essay written in bullet points instead of continuous prose should be awarded no higher than level 3. An answer which does not deal with arguments both for and against provision for the arts in prison should be awarded no higher than mid-level 3.	

Levels descriptors

These descriptors are intended as a first guide to examiners. They indicate the characteristics of a top of level answer. Marks within a level are awarded when an answer does not include all the parts or qualities shown in the descriptor.

LEVEL 5	A very good range of arguments both for and against the arts in prison will be	41 - 50
	assembled and there will be very good analysis and evaluation. Candidates will also use well-developed arguments as well as very well-focused analysis	
	and evaluation to draw a very sound personal conclusion about the arts in	
	prison. The range of knowledge of the arts cited may extend beyond the	
	source and be subjected to well-developed evaluation. The answer will be	
	well-organised, clearly structured and written with facility.	
LEVEL 4	A good range of arguments both for and against the arts in prison will be	31 - 40
	assembled and there will be good analysis and evaluation. Candidates will	
	also use developed arguments, with well-focused analysis and evaluation to	
	draw a sound personal conclusion about the arts in prison. The range of	
	knowledge of the arts cited may extend beyond the source and be subjected	
	to some developed evaluation. The answer will be organised, structured and clearly written.	
LEVEL 3	An adequate range of arguments both for and against the arts in prison will	21 - 30
	be assembled and there will be adequate analysis and evaluation.	
	Candidates will show adequate understanding to develop some focused	
	arguments, analysis and evaluation to draw a conclusion about the arts in	
	prison, although this may be unbalanced. The range of knowledge of the arts	
	cited will not extend beyond the source but this may be subjected to some	
	evaluation. The answer will be structured and clearly written, though there	
15)/51.0	may be errors of punctuation, spelling and grammar.	44 00
LEVEL 2	A limited range of arguments both for and against the arts in prison will be assembled and there will be limited analysis and evaluation. Candidates will	11 - 20
	show a modest understanding to develop partially focused arguments with	
	uneven analysis and evaluation. If a conclusion is drawn about the arts in	
	prison it may be superficial and unbalanced. The range of knowledge cited	
	will not extend beyond the source and there may be some limited and partial	
	evaluation of it. The answer will be intelligible but contain errors of	
	punctuation, spelling and grammar.	
LEVEL 1	A very limited range of arguments both for and against the arts in prison will	0 - 10
	be assembled and there will be very limited analysis and evaluation.	
	Candidates will show restricted understanding. Arguments, analysis and	
	evaluation will all be unfocused and fragmentary. If a conclusion is drawn	
	about the arts in prison it will be superficial and unbalanced. The source may	
	not be understood and it will not be evaluated. The answer may be unintelligible in parts, containing many errors of punctuation, spelling and	
	grammar.	
	grammar.	

Question	Answer					Marks
6	Assess the be developments Detection <u>or</u> E	have broug	ht to society			[50]
		Assessn	nent Objectiv	e balance		
	Question	AO1	AO2	AO3	AO4	
	6	7	25	8	10	
	This question in	nvolves:				
	• choosing	a tonic area	– Crime Detec	tion or Enterta	inment	
	•	•			this area since	
		•	cks of technolo	ogical progress	in this area	
	Recommende Intro for introde B for the benef D for the drawk Dev for develo Appropriate ma	uction its of technolo packs of techr pment arginal annota	ogical progress nological progr	ess	on page 1	
	Summative co		g AOs as head	lings.		
	Indicative con	tent				
	Crime and its	detection				
	Benefits					
	development more sections		sic technology	have made de	etective work	
	 fingerprir materials 	• • • • • • • • • • • • • • • • • • • •	can now detec	t traces on a w	vide variety of	
	the use of and effor	-	ology in finger	print comparis	on saves time	
	forensic a sophistic.	, ,	clothing & tra	ces eg pollen,	is now very	
	closed cill evidence		n reduces crim	e & provides c	onclusive	
			peed guns mal	ke traffic offend	ces easier to	
	DNA-bas			cal purposes fo opened and co		
		and internatio	nal databases	enable co-ope	eration between	
	 chemical damaging 	•	azers can cont	rol prisoners w	rithout	

Question	Answer	Marks
	Drawbacks	
	technology is not foolproof – fingerprint and other evidence can	
	still be faked	
	criminals match the police in their use of technology and comparison outdoor them some forence avidence pushes the	
	sometimes outdo them, some forensic evidence pushes the boundaries of technology – is this made clear in court?	
	CCTV simply moves crime out of range of the cameras	
	it is an invasion of privacy	
	it can be seen as part of the slippery slope towards a controlled	
	 society speed cameras and speed guns are sources of income for local 	
	authorities	
	DNA evidence has been seen to be foolproof so far	
	re-opening old cases leads to double-jeopardy and/or the	
	persecution of criminals the police particularly want to convict	
	databases are vulnerable to hackers and criminals who may forge data	
	chemical sprays and tazers can damage vulnerable people	
	permanently.	
	Entertainment	
	Benefits	
	developments in the reproduction of music from analogue to	
	digital	
	 cheap and robust home entertainment systems – tv, radio, film computerised lighting systems in theatres 	
	film in full colour, 3-D and surround sound	
	the use of cgi in film and tv	
	FM and digital radio increase both broadcast quality and choice	
	computer access to world wide radio and television	
	 international live broadcasting of eg sport and news access to music and other recorded entertainment via the 	
	Internet.	
	Drawbacks	
	more recorded music means less live music	
	people expect perfection in live performances and are often diagraphists.	
	 disappointed leading to performers miming at "live" concerts 	
	 films made to show off technology rather than to tell a story well 	
	cgi enables film and tv directors to "cheat" the public by passing it	
	off as real	
	continuous changes of technologies is expensive for the	
	 consumer computer access is a mixed blessing as so much material is 	
	uncontrolled	
	news values may be distorted so that stories with good visuals become important	
	boome important	

Question	Answer	Marks
	accessing entertainment is becoming a solitary home based experience rather than relishing the atmosphere of a live concert or play.	
	Examiner tolerance	
	It is likely that candidates will cite news broadcasting as a form of entertainment. This is acceptable provided the points made are valid.	
	An essay written in bullet points instead of continuous prose should be awarded no higher than level 3.	
	An essay referring only to benefits or drawbacks should be awarded no higher than mid-level 3.	
	The year 1945 was chosen as a convenient historical reference point. Examiners should not be concerned if candidates go further back in time in their comparisons.	

Levels descriptors

These descriptors are intended as a first guide to examiners. They indicate the characteristics of a top of level answer. Marks within a level are awarded when an answer does not include all the parts or qualities shown in the descriptor.

. = . /= : =		44 =-
LEVEL 5	Candidates will identify and discuss a very wide range of content from their chosen area. They will show very good understanding of the benefits and dangers of technology applied to daily life. Arguments, analysis and	41 - 50
	evaluation will be well developed to a sound conclusion. There will be a	
	very good range of examples of relevant technologies, which will be	
	evaluated clearly. The answer will be clearly structured, written with facility	
	and a pleasure to read.	
LEVEL 4	Candidates will identify and discuss a wide range of content from their	31 - 40
	chosen area. They will show good understanding of the benefits and	
	dangers of technology applied to daily life. Arguments, analysis and	
	evaluation will be developed to a secure conclusion. There will be a good	
	range of examples of relevant technologies, which will be evaluated. The	
LEVEL 3	answer will be structured and clearly written.	21 - 30
LEVEL 3	Candidates will identify and discuss an adequate range of content from their chosen area. They will show adequate understanding of the benefits	21 - 30
	and dangers of technology applied to daily life. Arguments, analysis and	
	evaluation will be developed to a conclusion, which may be unbalanced.	
	There will be an adequate range of examples of relevant technologies,	
	some of which will be evaluated. The answer will be intelligibly written but	
	may contain some technical errors.	
LEVEL 2	Candidates will identify and discuss a limited range of content from their	11 - 20
	chosen area. They will show modest understanding of the benefits and	
	dangers of technology applied to daily life. Limited arguments, analysis	
	and evaluation will be partially developed to a conclusion which will lack	
	balance. There will be a limited range of examples of relevant	
	technologies, none of which will be evaluated. The answer will be	
	intelligible in parts but may contain many technical errors.	
LEVEL 1	Candidates will identify and discuss a very limited range of content from	0 - 10
	their chosen area. They will show restricted understanding of the benefits	
	and dangers of technology applied to daily life. Very limited arguments and	
	fragmentary analysis and evaluation will be developed to a restricted	
	conclusion, which will lack balance. There will be a very limited range of examples of relevant technologies, none of which will be evaluated. The	
	answer may be unintelligible in places and will have a fragmentary	
	structure compounded by many errors.	
	Structure compounded by many errors.	

Question	Answer	Marks
7	"Be careful what you wish for, in case it comes true."	[50]
	[W.W Jacobs, The Monkey's Paw]	
	With this in mind, choose one topic from the 'wish-list' below.	
	i. an effective method of choosing the sex of children	
	ii. a cheap and 100% effective cure for cancer	
	iii. an effective means of climate control iv. the development of a legal, cheap and completely safe recreational drug.	
	Assess the consequences to society (both positive and negative this goal being achieved during your lifetime.) of
	Assessment Objective balance	
	Question AO1 AO2 AO3 AO4	
	7 7 25 8 10	
	This question involves:	
	a choice of a topic from the list in the question the assessment of the control of the cont	of
	positive and negative consequences of the realisation of these	
	goals in a society resembling our own.	
	Intro for introduction P1+, P2+, P3+ for positive effects of chosen topic P1-, P2-, P3 for negative effects of chosen topic Appropriate marginal annotation of the text using the list on page 1 Conc for conclusion	
	Summative comment using AOs as headings. Indicative content	
	i. an effective method of choosing the sex of children	
	magistive	
	 positive it would enable better family planning – an extension of what happens already 	
	 could lead to a better social balance between the sexes 	
	 would enable better parenting, as parents would not resent "and boy" 	other
	more families with children of both sexes, leading to better socialisation	
	inherited diseases/defects which are gender specific could be eradicated	
	 patriarchal societies might evolve more respect for women. 	
	negative	
	 patriarchal cultures no-one would want female children – boys a more valuable 	are
	equally, matriarchal sub-cultures would find it useful	
	or all-girl families might result where it might be easier to exerci-	se

Question	Answer	Marks
	parents might make decisions which they later regretted – children	
	might suffer	
	parents might not be able to agree on which sex their children should be	
	would it be voluntary? compulsory? free? private patients only?	
	these issues could generate social resentment and unrest	
	to guard against population imbalance an element of state control would be likely	
	eg parents must have two children, one of either sex	
	such state control would be intrusive and probably unworkable	
	as a tool for social engineering the possibilities are limitless.	
	ii. a cheap and 100% effective cure for cancer	
	positive	
	a major cause of death would be eradicated	
	one which moreover kills people of all ages and both sexes damaging and dovastating families.	
	 damaging and devastating families and causing lengthy and painful illnesses which also have a huge 	
	impact on the sufferers' families	
	the benefits to individuals and families would be incalculable	
	particularly where current treatments are disfiguring [mastectomy]	
	or have side effects in some way as bad as the disease itself –	
	chemo- & radiotherapy	
	cancer treatment costs the NHS about 5% of its annual spend	
	which will increase as the incidence of cancer does – and this is increasing at 4.5.9/ per year are direction of cancer would enable.	
	increasing at 1.5 % per year eradication of cancer would enable the re-allocation of these resources.	
	negative	
	we already have a serious age imbalance in the population – this	
	would worsen	
	this would have serious economic effects [pensions] and a gricus assists (facts [acres for the solder).)	
	and serious social effects [care for the elderly] the evictores of a cure for sensor would remove a major incentive.	
	the existence of a cure for cancer would remove a major incentive to live healthily	
	eg smoking could well increase [lung, throat],	
	as could drinking [stomach, oesophageal, liver]	
	obesity [implicated as an additional factor in many cancers]	
	the cost of re-training specialist clinical staff would be enormous	
	as would the adaptation of cancer-care units for other purposes.	
	iii. an effective means of climate control	
	positive	
	there would be great benefits to agriculture in	
	planting/growing/cropping seasons	
	extremes of weather – hurricanes, tornados, typhoons – could be	
	avoided	
	reducing floods and the consequent loss of life and property the effect on loisure and tourism would be prefound, aki recerted.	
	the effect on leisure and tourism would be profound – ski resorts could order snow	

Alla	wer	Marks
•	holiday makers would less often be disappointed	
•	global warming could be halted and its projected social,	
	environmental and human costs prevented.	
nega	ative	
•	the needs of agriculture are various and conflicting – eg soft fruit	
	vs broccoli	
•	as are the needs and wishes of the population at large	
•	who would decide what weather would best serve the greatest number?	
•	the needs of leisure and tourism likewise are conflicted eg sailing vs sunbathing	
•	some leisure pursuits can benefit from mixed weather eg cricket	
•	some leisure pursuits can benefit from poor weather eg angling	
•	climate control would extend the powers of the state	
	life could well become monotonous	
•	and individuals would become less flexible and resourceful	
•	and society would consider less the damage some of its habits do	
	to the world in which we live – a regression to previous	
	carelessness.	
iv.	the development of a legal, cheap and completely safe	
	recreational drug	
posi		
•	legal recreational drugs – alcohol and tobacco – could become obsolete	
•	or be outlawed – as both probably would be if they were marketed as new products today	
•	thus abolishing their health risks and social cost	
•	as well as removing a major cause [in the case of alcohol] of	
	violence, crime, accidents and relationship breakdown	
•	the illegal drugs trade would collapse, reducing international crime	
•	as well as lowering domestic crime rates	
•	and abolishing their health risks, social cost and the linking of drug use to crime	
•	both in terms of possession, use and dealing	
•	and in crimes committed in order to obtain drugs.	
nega	ative	
•	two major sources of tax would have to be levied elsewhere	
•	the alcohol and tobacco industries could collapse	
•	the economy of wine growing areas would be seriously affected	
•	as would areas producing spirits	
•	drug dealers would redouble their efforts to keep their customers	
•	as many people enjoy alcohol for its taste as for its effect – why deprive them?	
•	part of the appeal of illegal drugs is their illicitness – would a legal	
•	high be inviting? the habits of smokers, drinkers and drug users are too ingrained	
	to change	

Question	Answer	Marks
	it is unlikely that the manufacture and sale of a such a product would not cause criminal behaviour – eg the manufacture and sale of illegal/cheap/adulterated product sold on the internet, much as Viagra and Cialis are now.	
	Examiner tolerance	
	The parameters of the question are sufficiently wide to allow for a very wide range of approaches from candidates.	
	The key criterion must be the extent to which the candidates support their suppositions with credible arguments.	
	An essay written in bullet points instead of continuous prose should be awarded no higher than level 3.	
	An essay referring only to positives or negatives should be awarded no higher than mid-level 3.	

Levels descriptors

These descriptors are intended as a first guide to examiners. They indicate the characteristics of a top of level answer. Marks within a level are awarded when an answer does not include all the parts or qualities shown in the descriptor.

LEVEL 5	Candidates will identify and discuss a very wide range of content from their chosen areas. They will show very good understanding of the issues arising from the positive and negative effects of these. Well developed arguments, analysis and evaluation will work towards a sound conclusion. There will be a wide range of good examples, which will be evaluated clearly. The very best answers may make fruitful links between their chosen topics. The answer will be clearly structured and written with facility.	41 - 50
LEVEL 4	Candidates will identify and discuss a wide range of content from their chosen areas. They will show good understanding of the issues arising from the positive and negative effects of these. Developed arguments, analysis and evaluation will work towards a secure conclusion. There will be a range of good examples, which will be evaluated clearly. Links between chosen topics may be stated. The answer will be structured and well written.	31 - 40
LEVEL 3	Candidates will identify and discuss an adequate range of content from their chosen areas. They will show adequate understanding of the issues arising from the positive and negative effects of these. Adequate arguments, analysis and evaluation will work towards a conclusion which may lack balance. There will be a range of relevant examples some of which may be evaluated clearly. The answer will be intelligibly written with some technical errors.	21 - 30
LEVEL 2	Candidates will identify and discuss a limited range of content from their chosen areas. They will show modest and partial understanding of the issues arising from the positive and negative effects of these. Limited arguments, analysis and evaluation will work towards an unbalanced and insecure conclusion. There will be a limited range of relevant examples but these will not be evaluated. The answer will be intelligible for the most part but will contain numbers of technical errors.	11 - 20
LEVEL 1	Candidates will identify and discuss a very limited range of content from their chosen areas. They will show restricted understanding of the issues arising from the positive and negative effects of these. Very limited arguments with fragmentary analysis and evaluation will work towards an unbalanced and insecure conclusion. There will be a very limited range of relevant examples. The answer may be unintelligible in places, containing frequent technical errors.	0 - 10

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