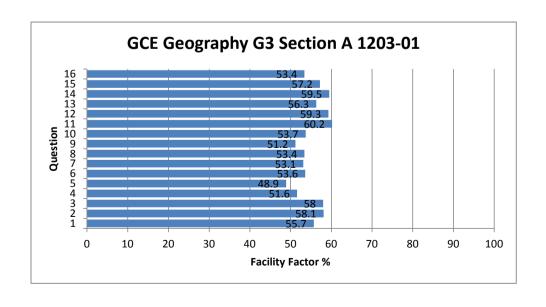


WJEC 2014 Online Exam Review

GCE Geography G3 Section A 1203-01

All Candidates' performance across questions

?	?	?	?	?	?	?	
Question Title	N	Mean	S D	Max Mark	F F	Attempt %	
1	241	13.9	4	25	55.7	9.3	
2	239	14.5	4.2	25	58.1	9.2	
3	304	14.5	5.5	25	58	11.7	
4	208	12.9	5.8	25	51.6	8	\leftarrow
5	541	12.2	4.1	25	48.9	20.9	
6	576	13.4	4	25	53.6	22.2	\leftarrow
7	197	13.3	4.8	25	53.1	7.6	
8	288	13.4	4.2	25	53.4	11.1	
9	682	12.8	3.7	25	51.2	26.3	
10	549	13.4	3.6	25	53.7	21.2	
11	590	15.1	3.9	25	60.2	22.7	
12	165	14.8	3.7	25	59.3	6.4	
13	184	14.1	3.9	25	56.3	7.1	
14	190	14.9	4.1	25	59.5	7.3	\leftarrow
15	156	14.3	3.9	25	57.2	6	
16	69	13.4	3.8	25	53.4	2.7	



SECTION A: CONTEMPORARY THEMES IN GEOGRAPHY

Answer **two** questions, **one** question from questions 1 to 8 and **one** question from questions 9 to 16.

Make the fullest possible use of examples in support of your answers.

Answer one question from questions 1 to 8.

Theme 2 Landforms and their Management Glacial Environments

4. Describe the landforms and examine the processes associated with deglaciation.

[25]

04	Deglaciation refers to the process where there is
	a permanent reduction in the size of a glacier
N.	when ablation exceeds accumulation leading to
	a 'negative mass balance remerging. This leaves
	previously glaciated areas uncovered and land
	becomes exposed. Deglaciation is caused by climatic
	strictuations to which glacial environments respond to.
	We are currently in the Holocene epoch which is
	an interglacial period which was marked by
	temperature rising by almost 7°c in Greenland
	11.500 years ago. Deglatiation gives vise to many
	landgrows some of which are alterations of pre-
	existing glacial landforms, which we can examine.
	further.
	The first process associated with deglaciation is
	known as i isostatic uplift! This occurs, when
	the large mass of glacial ice which previously
	overburdened an area of crust melts away and
	causes the crust to spring up or uplift. This
	is most prominent in areas where ice was at its
	thickest disting a alocial period. This is well examplified
	by the Eastern Hudson Bay region in landa which was previously covered by the Cordilleran lie sheet.
	was previously envered by the Gordilleran lie sheet
	land is now uplifting at a rate of lan a new
	Land is now uplifting at a rate of lan a year in this region, which is significant. In addition
	to this isostatic uplist has given rise to Raised
	Beaches' along the North Western coast of Scothand
	where land that previously lay at sea level is now
	2-3m above it. Although the landgorms created by
	isostatic uplist mus he considered significant we
	must appreciated that they are isolated in nature
P	isostatic uplist may be considered significant, we must appreciated that they are isolated in nature and therefore may not have a large effect on
	the landscape.
	(and capt)
	Linked closely to isostatic uplift is the process of
	Eustotic change whereby a reduction in the size of a

	glacier due to an increased temperature during				
.10	deglaciation leads to large outflows of meltouter				
	into oceans. This causes a vise in sea levels				
	globally which could tweater low lying areas. This				
	process gives rise to a landform known as a				
	"Fjord" which is a glacial trough that has been				
	"Fjord" which is a glacial trough that has been filled with meltwater, bhose are commonly found in Norway and New Zealand. (figure)				
	in Norway and New Zealand. (figure)				
	meltvater				
	U-shape valley pre figurel fjord formed after				
	deglaciation figurel fijord formed after				
	The process of custatic change can be considered to				
	be more significant than it's tectonic counterpart				
	isostatic change because rising sea levels having				
	a global impact and muy alter pre-existing glacial				
-215	landforms				
	1 avagueras				
	Although the charge landers and processes are sign, sign t				
	Although the above landgorns and processes are significant				
	was rive rise to reciplated landlance and resulting				
	may give rise to perigially talayorus and resolucie				
	we must also appreciate that posts deglaciation may give vise to periglacial landsorms and resultant processes. Once post-glacial meltowater has drained away, periglacial environments are lest behind. These are areas where temperature fluctuates between 0°c and 4°c and there is which enables the				
	There are selected the selected are left be died.				
	These are areas where remperature querates werally				
	or and 4°C and the is which enables the				
	formation of permagnost, (finite ground), periglacial				
	formation of permagnost, (frozen ground). Periglacial areas today include the peaks of the Alps as well as areas in Arctic Russia.				
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
	well as areas in Arteric Russia.				
	Well as areas in Arteric Russia.				

VEGETATION	Although the permajorst alone
	is not too interesting, the
ACTIVE LAYER	active layer above it is
	what is pivotal in enabling
- ansī	periglacial processes and
PERMAPROST	lardforms. The active layer
	experiences a seasonal freeze
	and thou which can give
	rise to various, frost cracking
Figure 2	sturial and treeze - than
weathering processes an	id consequent landforms.
Therefore we can ex	carnine the processes associated
in perialucial environm	rents and the resultant
landforms.	111 2
(600 (0))	
The sist Aluvial land	form that forms in a periglacial
projection that of	a Pingo which is mound
like circular hill whi	ch can have dinmeters of
un to 60 chied	system lingos are formed
under huderchetic or	rescure in the petive layer
the permitted fr	ressure in the active layer n a lake. The hydrostatic isolation, progressive infill
of the partiagross in	isolation proposessive intill
pressures result in the	isolation, progressive rigit
	ICE CORE
lake /	
	(ICE)
PERMATROST	
	hydrostatic
t Cilian at diam	hydrostatic pressure
and soosequent assupp	ecurance of a rane forming
a continuous expand	ing the which is eventually
pushed up against the	surface forming a pingo.
We must allnowledge	that the hydrostatic pressure
in the active layer is	exerance of a lake forming ling ice which is eventually surface forming a pingo. That the hydrostatic pressure the por most important we in active layers which freezing-thausing.
process and is great	er in active layers which
experience the most	freezing - thawing.

The next landform is that of an ice wedge which
is formed via the process of frost cracking.
It start when water seeps into a crack during a
summer than and then freezes. However, as
the 'freeze' season approaches the ice contracts and
leaves space for another layer of ice to be formed
This continuous layering of ice over a period of
time gives rise to an Ice Wedge with sprengsiandu.
This continuous layering of ice over a period of time gives rise to an Ice Wedge with sprengsiandu. in wormany being the best example of this. 1st year than 1st year Frenze 100th year 100th year than
1st year than 1st year Freeze 100th year 100th year than
Active \
Layer
The section of the se
Ice wedge
We must acknowledge that this is a micro sized landform
which could looyears to reach even a methe in
width showing that this process of frost cracking
may not be too significant.
we also get landforms formed on slopes via the process of preeze-than weathering which induces
process of freeze-than' weathering which induces
downward movement. belighters to this
downward slope mass movement and is most
significant in wear where it snows for 6-8 months
a year and then the than season results in
the snow melting in a few ways would over bornens
the top soil inducing downward movement. This movement in low areas of relief gives rise to
movement in low areas of relief gives rise to
gelightation sheets which are terrale like deposits.
A number of laterally extended g.f sheets give
rise to gelifliction labe.

To conclude, we can must appreciate that deglac-
ration gives rise to many new and altered
landjorms. However, the process associated with of
it may vary in significance. For example the processes
ench incluing and freeze their weathering
discussed earlier give vise to very small landforms which take many years to form, therefore we
which take many years to form, therefore we
man consider the precesses associated with deginera
tion to be insignificant. However I feel that the
significance of the processes of Isostatic uplift and especially Eustatic change are highly
and especially Eustatic change are highly
significant. This is because Eustatic change is globally
significant. This is because Eustatic change is globally felt and may have an effect on a varieby of
placial landforms and as well as those
formed via fluvioglacial processes such as the
destruction of areas of necessional moraine og
increased meltwater discharge. This is why I feel
that the processes associated with deglaciation are
Significant
3 4

Deglaciation refers to the process where there is a permanent reduction in the size of a glacier when ablation exceeds accumulation leading to a 'negative mass balance' remerging. This leaves previously glaciated areas uncovered and land becomes exposed. Deglaciation is caused by climatic pluctuations to which glacial environments vespond to. We are currently in the Holocene epoch which is an interglacial period which was marked by temperature rising by almost 7°c in breenland 11,500 years ago. Deglaciation gives rise to many landgrows, some of which are alterations of pre-existing glacial landforms, which we can examine further. 04 The first process associated with deglaciation is
known as i isostatic uplift. This occurs, when
the large mass of glacial ice which previously
Desiburdened an area of crust melts away and
cawes the crust to spring up or uplift. This
is most prominent in areas when ice was at its
thickest during a glacial period. This is well exemplified
by the Eastern Hudson Bay region in larada which
was previously covered by the Cordilleran lie sheet
Land is now uplifting at a rate of lan a year
in this region, which is significant. In addition
to this isostatic uplift has given rise to Raised
Beaches along the Work Western coast of Scotland
where land that previously lay at sea level is now
2-3m above it. Although the landforms created by
isostatic uplift may be considered significant, we
must appreciated that they are isolated in nature
and therefore may not have a large effect on
the landscape.

Linked closely to isostatic uplift is the process of Eustatic change whereby a reduction in the size of

	glacier due to an increased temperature during
0 20%	deglaciation leads to large outflows of meltouter
	into oceans. This causes a vise in sea levels
	globally which could twenter low lying weas. This
	process gives rise to a landjorm known as a
	'Fjord' which is a glacial trough that has been
	filled with meltwater, these are commonly found
	in Norway and New Zealand. [figure]
	meltivater !
	v-shape valley pre figurel fjord formed after deglaciation
	deglaciation
	The process of custatic change can be considered to
500	be more significant than it's tectoric counterpart
1	isostatic change because rising sea levels having
10	a global impact and muy alter pre-existing glacial
Ϋ́	landforms
1	
	Although the above landgorms and processes are significant
	and must also something to be a section of the sect
	may give rise to periglacial landsorms and resultant
	processes. Once post-glacial meltouter has drained
	away, periglacial environments are lest behind.
	These are areas where temperature fluctuates between
	O'c and 4°C and there is which enables the
	formation of permagnost, (grozen ground). Periglacial
	areas today include the peaks of the Alps as
	may give rise to periglacial landforms and resultant processes. Once post-glacial meltowater has drained away, periglacial environments are left behind. These are areas where temperature fluctuates between 0°c and 4°c and there is which enables the formation of permagnost, (frozen ground). Periglacial areas today include the peaks of the Alps as well as areas in Arctic Russia.
1	,

	VEGETATION	Although the permajorst alone
	Vecentities	is not too interesting, the
Ø.	ACTIVÉ LAYER	active layer above it is
		what is pivotal in enabling
	- nosī	periglacial processes and
	PERMAPROST	landforms. The active layer
		experiences a seasonal freeze
		and those which can give
		rise to various, frost cracking
	Figure 2	gluvial and freeze-than d consequent landforms.
	weathering processes an	d consequent landforms.
	Therefore we can ex	canine the processes associated
	in periglacial renvironm	rents and the resultant
	landforms.	
		low Mut bearing in a contraint
	The girst florial land	form that forms in a periglacial
	environment is that of	The stage which is mooned
	like circular hill who	ch can have diameters of
	up to bun. closed	system lingos are formed
	unaes nyarostatice pr	ressure in the active layer a lake. The hydrostatic
	of the pumagrost in the	isolation, progressive infill
	pressures result in the	instituting progressive right
		ICE CORE
	lake	TO ICE
	PERMATROST	
		hydrostatic
	and Subcomment diagon	pressure of a lake soming
	and mosequent anapp	ing ice which is orientually
n	touched un against the	Surace forming a Dingo
19	the must allinguledoe	that the hydrostatic pressure
050	h alian land	10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
PS&	In the active laurer is	the per most important
Profession of the second	process and is great	er in active layers which
P&	process and is great experience the most	ectrance of a lake forming ing ice which is eventually surface forming a pingo. That the hydrostatic pressure the pro most important we in active layers which freezing-thawing.

	The next landform is that of an ice wedge which
	is formed via the process of frost cracking.
	It start when water seeps into a crack during a
	summer than and then freezes. However, as
	the 'freeze' season approaches the ice contracts and
	leavel : copie on porther layer or ice to be formed
	This continuous layering of ice over a period of
	time gives rise to an Ice Wedge with sprengsiardu.
3	This continuous layering of ice over a period of time gives rise to an Ice Wedge with sprengsiandur in Wormany being the best example of this. 1st year than 1st year Frenze 100th year 100th year than
	1st year than 1st year Freeze 100th year 100th year than
	Active (1)
	Layer
	Ice wedge
ah	
and	We must acknowledge that this is a micro sized landform
opposition	which could 100 years to reach even a metre in
	width showing that this process of frost cracking
	may not be too significant.
	the state of the s
	We also get landforms formed on slopes via the process of preeze-than weathering which induces
	process of freeze-than weathering which makes
	downward movement. Geliphition before to this
	downward slope mass movement and is most
	significant in wear where it snows for 6-8 months a year and then the than season results in
	the court william in a ten dance which mischurdence
	the snow melting in a jew days which overburdens
	the top soil inducing downward movement. This
	gelightetion sheets which are terrace like deposits.
	A number of laterally extended g.f sheets give
	rise to gelifliction labe.
	1.70 10 9017 0000011 (000
	'

Question number

Imber	
	To conclude, we can must appreciate that deglac-
	ration gives rise to many new and allered
	landsorms. However, the process associated with of
	it may vary in significance. For example the processes
	most iracking and freeze than weathering
	dicrussed earlier give vise to very small landforms
	which take many years to form, therefore we
	may consider the precesses associated with deglacia-
	tion to be insignificant. However I feel that the
	significance or the processes of Isostatic upilift
. /	and especially Eustatic change are highly
	significant. This is because Eustatic thange is globally
	tell and may have an effect on a variety of
15	glacial landforms and as well as those
- 1	formed via fluvioglacial processes social as the
in white	destruction of areas of recessional moraine by
U ·	increased meltivater disiharge. This is why I feel
	that the processes associated with deglaciation are
	Significant
	Lucludes des curson ferramine
	though knet
	Thurs a high earl of gordestarding
	and through & accorde priviledge.
	I fell versel empered clearly
	25
	de la companya de la
ľ	

SECTION A: CONTEMPORARY THEMES IN GEOGRAPHY

Answer **two** questions, **one** question from questions 1 to 8 and **one** question from questions 9 to 16.

Make the fullest possible use of examples in support of your answers.

Answer one question from questions 1 to 8.

Coastal Environments

6. Assess the importance of geology in the development of coastal landforms.

[25]

Coostal rape of the land scape, bu sect, such sedimer have rocks rotational gons the sea. The Midogy also control land forms can gorn in the important role. the land forms are lies with exosional and headlands Bays and discordant coas and bands more strangly on the less resistan erodes bonds are leaving headlands mad bays ther, forming rset, England, where head lands, erosional achon Mirokakrez such Coodtal

caves stacks and cartained exosignal The geology and low U, over geology does have an impos in depositional land gornes, such as Nowst Castle Spit minor in portant in designating wha ment is avaitable to depositional consolidates sediment available highly resis be sea in the particles

, as i is a pebb arger rougher pelohko Wither was time Con Does piecesof cohe W concordan Parma The a start explorting loos of year, the less consolidated Mologies Con the Characteristiz shape 50mizircula

number	
a	is the more resistant chalk stopped the relatively
01	with erosion inland, causing more lateral
90	rosion. The geology present had a large and
7	med ast role to play whe formation of
	who to core on I controlled the drocking
	and rate of different parts of the feature.
	to the feet of
	Osperall so the consoline and desclorement of
	Overall, in the gormation and development of
	the whole system It controls what formations
	Can form and where they can form. It ever controls
	the rate and direction the crosian processes take.
	In this way it is very important. However, in
	legositional processes, such as the formation of
	spite it has almost no control, and as such
	becomes a underlying factor.
	Se com Space.
	Ú

(oostal The Ithology/aboo land forms can gorns tout role. However, it with crosimal Bays and discordant coa the less Strongly on headlands England, Where Lith?

, over does in defositional land looms 2005 hona sediment available highly resis in the particles

, as i a Chhool cohe years red des croded Con 50mi Totalla

as the more resistant chalk stopped the relatively	
quick crossen inland, causing more lateral	
erosion. The geology present had a large and	
Inportant role to play whe formation of Lulwork, love, as it controlled the direction	
Lulwork, love as Frankrolled the direction	
and rate of different parts of the feature.	
 Overall, in the formation and development of	
and form acology has the underlying control of	· .
the whole system It controls what formations	
Can form and where they can form. It ever controls	
the rate and direction the crosion processes take.	
In this way it is very important. Hovever, in	
repositional processes, such as the formation of	
spits, it has almost no control, and as such	
spits, it has almost no control, and as such becomes underlying factors	
	17)
that addressed he greater and tried	
 to arrer in a vanite of environments	
brings the agreement back to godoge	
all the time. Some nore detail round	
he give a grocers but a candent	,
- Drin	21/
Low Los	125
A notice and analytical response e although additional	
detail of little lagrical shuetwral controls could be so provided	
in places, the quality of K+U demonstrated & the sistems	d
assessment elevent so afficient to take the response to L.S.	
we "	

Answer one question from questions 9 to 16.

Theme 6 Emerging Asia China

14. 'Achieving a balance between economic growth and sustainable development in China is problematic.' Discuss. [25]

END OF PAPER

Question

number

China is now the world's second largest economy with as nominal GDP of 99.725 trillion only second to the USA. Rey have experienced decades of double digit economic growth which has undoubtedy been an economic success, but, have they been able to balance this monumental growth with sustainable development? We can asses sustainable development by looking at environmental/social change able development by looking at environmental/social change.

A key change in China's economy was Deng Xiaoping's

'Open Door Policy' in 1979 which opened up China
to the rest of the world whilst reforming the internal
make up of the country. There were reforms to the
sots which meant that inefficient ones were allowed
to go bust, informing the principle of 'Creative
Destruction'. Although some may argue that this
promoted economic efficiency; it also created
large problems for urban communities. At the
same time that TVEs were reformed, so was
the Housing system under the 'housing reform act'
1988 which led to the privatisation of housing. This
meant that some people had lost jobs in soes
whilst having to deal with paying private money
for housing which previously would have been
provided by the state. This meant that a large
population of people experienced a fall in living
standards with around 1.8 million families
being forced to live in housing which is less
than the in Size. Showing how a balance between economic growth and development of sustainable urban the housing has not been methaving an social impact on social sustainable development. The next conflict arising is through thre environmental degradation that the nation has received in its pursuit of 'economic growth at all costs'. The Huai River has a drainage area of around 174,000 km meaning that its water supply is depended

by a large number of people. In 2005, the se gort rejected plans to build 85 new treatment centres along the river on the 1s that it was not in line with productive mic investment. This direct shows a direct tion in which China sustainable development een shown to be problematic and the Chinese ing to opt for economic growth. This has
Is that it was not in line with productive mic investment. This direct shows a direct tion in which China sustainable development een shows to be problematic and the Chinese ing to opt for economic growth. This has
Is that it was not in line with productive mic investment. This direct shows a direct tion in which China sustainable development een shows to be problematic and the Chinese ing to opt for economic growth. This has
nic investment. This direct shows a direct tion in which China sustainable development een shows to be problematic and the Chinese ing to opt for economic growth. This has
in in which China sustainable development een shows to be problematic and the Chinese ing to opt for economic growth. This has
een shown to be problematic and the Chinese ing to opt for economic growth. This has
ing to opt for economic growth. This has
ing to opt for economic growth. This was
quently led to industry accounting for 94.2%.
Il ammonia nitrate in the river which puts
drinking water of some 100 million people
jeopardy, which is not sustainable, considering
health implications that this could have.
daition to this the gort invested \$227 million
new water treatment plants which some may
to be sust attempts to increase sustainability.
ver, I feel that the amount of environment
tion should be curtailed via compulsory
lation as oppose to trying to repair the
age once it is done. But there have been
pts by the gort to promote sustainable
Consent to recently in the form or the
lopment by recently in the form of the e Black hat off' campaign whereby they and 12 inefficient power stations and installed
of 12 inevisions power stations and installed
in color namels to technics in the
ions of solar panels to factories in the
of Lingen. A more important component of
promotion prospects of govts officials to the
promotion prospects of gover officers which
ting cetain environmental standards which
to seen as a way to balance economic th and sustainable environment in the
en and systainable environment in the
run. But there is no beautiful quality
run. But there is no doubt that up til now, balance between economic growth and ronmental sustainable development has been a
ronmental sustainable development nus been a
problem.

What may have caused the biggest problem for the
Chinese was the rate at which they grew and not
so much the magnitude of growth From 1976
to 2007 the vibun population as a percentage
of the population increase from 7% to 41%
due to the glood of workers (rural migrants)
to take up jobs to just the growth. This has
had a huge social and environmental impact
by the virtue of the 'urban sprawl' of thing.
This is well exemplified by the growth in population
of Shanghai by 486% from 1985-1995 which
has led to a loss in cultivatable land equiv-
dent to a 33% per capita loss in rural land.
This bear been e sprawl has been exacerbated
by the lack of coordination between local and
state gorts who have conflicting objectives on
how the land is allocated. Ultimately the urban
sprawl induced by policies which promoted
economic can be seen to have a long term
effect on the sustainable food supply by urban
areas. This is because populations are going up
and agricultural land is going down meaning that
if this continues, there could be famines which
is a feature can be considered to be highly
sustainable.
pollution To conclude I feel
that there is conclus-
inausman jue evidence to
chatrial chart the
Economy Industrial Chinace have hope
unable to belonge
here seconomic growth and
environmental
sustainable
development.
Economuc
Kuznets Curve Development

However, the Kuznets corve illustrated shows that it
is common for most economies to grow environ-
mentally unsustainably as most economics tend
to start off as industrial economies leading
to high levels of pollution. This means that
although environme the Chinese may be
environmentally unsistainable; this may not be too
problematic when taking a holistic view of other
economies such as UK during the industrial
revolution. However, the negat unsustainable
development of vibar communities in particular
is cause for concern. I feel the rost cause of
this has been the 'political' structione of the
nation whereby there is a lack of policy harmoni-
sation between local and central govts has led
to policies that conflict rather complement each
other being implemented. Although there has been
a lack of balance between economic growth
and general sustainable development thus for
the Chinese pature may be brighter. The lot five
year plan from 2001 - 2005 of Xiaokang
noticed to an all armed bother (reight with
environmental sustainability being a main piller, which means that sustainable development could
which means that sustainable development could
improve-
× ·



14	China is now the world's second largest economy with
0 045	a: nominal GDP of \$9.725 trillion only second
	to the USA. Rey have experienced decades of
	double digit economic growth which has undoubtedy
	been an economic success, but, have trey
	been able to balance this proumental growth
	with sustainable development! We can asses sustain-
	able development by looking at environmental/social change
	A key change in China's economy was Deng Xiaoping's
	open Door Policy in 1979 which opened up thing
	to the rest of the world whilst reforming the internal
	make up of the country. There were reforms to the
	sots which meant that inefficient ones were allowed
	to go bust, enjorcing the principle of 'Creative
	Destruction'. Although some may argue that this
	promoted economic efficiency; it also created
	large problems for urban communities. At the
	same time that TVEs were reformed, so was
1	the Housing System under the housing reform act
	1988 which led to the privatisation of housing. This
	meant that some people had lost jobs in SOEs
	whilst having to deal with paying private money
	provided by the state. This meant that a large
	provided by the state. This meant that a large
	population of people experienced a fall in living
	standards with around 1.8 million jumilies being forced to live in housing which is less
	being forced to live in housing which is less
	than 4m? in Size. Showing how a balance between
	economic growth and development of sustainable
	urban the housing has not been met having an social
	impact on social sustainable development.
	The next conflict arising is through the environmental
	degradation that we nation has received in its
	nucsuit of economic growth at all costs. The
	Huai River has a drainage area of around 174,000
	han meaning that its water supply is depended

	a local analysis of neonle in 7005 the
	upon by a large number of people. In 2005, the
1000	Chinese gort rejected plans to build 85 new
V -	water treatment centres along the river on the
	grounds that it was not in line with productive
	economic investment. This direct shows a direct
	situation in which China sustainable development
	has been shown to be problematic and the Chinese
ph	choosing to opt for economic growth. This has
1 sur	consequently led to industry accounting for 94.21.
0	or all ammonia nitrett in the river with the
	the drinking water of some 100 million people
	in jeopardy, which is not sostainable i constating
	the health implications, that this could have.
	In addition to this the gort invested see million
	in new water treatment plants which some may
	View to be sust attempts to increase sustainavility.
	Mowever Viteel that the amount of environment
	pollution should be curtailed via compulsory
	legislation as oppose to trying to repair the
	legislation as oppose to trying to repair the damage once it is done. But there have been
	afternots by the gort to promote sustainable
	development by recently in the form of the Take Brack hat off' campaign whereby they closed 12 inefficient power stations and installed
	"Take Brack hat off' campaign whereby they
air	closed 12 inexpirient power stations and installed
	millions of solar panels to factories in the
	millions of solar panels to factories in the over of Lingen. A more important component of legislation that they introduced was to tie
	legislation that they introduced was to tie
	the promotion prospects of fourth official to
	meeting certain environmental standards which
	were he seen as a way to balance economic
	may be seen as a way to balance economic growth and sustainable environment in the
	long run. But there is no doubt that up til now,
	long run. But there is no doubt that up til now, the balance between economic growth and environmental sustainable development has been a
	envisonmental sustainable development has been a
	huge ptoblem.
	The state of the s

number	
an	What may have caused the biggest problem for the
1 with	Chinese was the rate at which they grew and not
	so much the magnitude of growth From 1976
	to 2007 the viban population as a percentage
	of the population increase from 710 to 4110
	due to the glood of workers (rural migrants)
	to take up jobs to just the growth. This has
	had a huge social and environmental impact
	by the virtue of the 'urban sprawl' and China.
	This is well exemplified by the growth in population
	of Shanghai by 486% from 1985 - 1995 which
	of Shanghai by 486% from 1985-1995 which has led to a loss in cultivatable land equiv-
	dent to a 33% per capita loss in rural land.
	This bear e spront has been exacerbated
	by the lack of coordination between local and
-/-	state gorts who have conflicting objectives on
report	State gorts who have conflicting objectives on how the land is allocated. Ultimately the urban
, ,	sprawl induced by policies which promoted
	economic oan be seen to have a long term
	effect on the sustainable food supply by urban
	areas. This is because populations are going up
	and acricultural land is going down meaning that
	if this continues, there could be famines which
	is a feature can be considered to be highly
	sustainable.
	pollution To conclude I feel
	that there is conclus-
	ive evidence to
	industrial suggest that the
	Economy China Post Industrial Chinese have been
	nable to balance
	here economic growth and
	environmental
	sustainable
	development.
	Economuc
	Kuznets Curve Development

However, the kerner economies to grow environ- is compron for most economies to grow environ- the mentally unsustainably as most economies tend to start off as industrial economics leading to high levels of pollution. This means that although environme—the Chinese may be environmentally unsustainable; this may not be too problematic when taking a holistic view of other economies such as UK during the industrial revolution. However, the negat unsustainable the production towever the negat unsustainable the production towever the negat unsustainable the production towever the negat unsustainable the production to the concern. I feel the rost cause of this has been the 'political' thruchore of the nation between local and central foots has led to policies that conflict rather complement each other being implemented. Although there has been a lach of balance between economic growth and general sustainable development thus far the Chinese father may be brighter. The 10th five year plan from 2001-2005 of Xiaokang relates to on all round better. Society with envisonmental sustainabile development cools improve. These discussions of a high order be sead to essay mills a range of allows training their of animal controls improve. The sead to grantly of comment.		I would enough ill telephold chance that it
to start off as industrial economies leading to high levels of pollution. This means that although environme the Chinese may be environmentally visistainable; this may not be too problematic when taking a holistic view of other economies such as UK during the industrial revolution. However the negat visustainable this has been the 'political' structure of the nation whereby there is a lack of policy haumoni- sation between local and central forts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese father may be brighter. The loth five year plan from 2001 - 2005 of Xiaokang relates to an all round better Society with envitonmental sustainable development could	· ·	However, the Kuzneks corve illustrated shows that it
to high levels of pollution. This means that although environment the Chinese may be environmentally unsistainable; this may not be too problematic when taking a holistic view of other economies such as UK during the industrial revolution. However the negat unsustainable plevelopment of viban communities in particular this has been the 'political' structure of the nation whereby there is a lack of polity harmonisation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001 - 2005 of Xiaokang relates to an all round better Society with envitonmental Sustainability being a main piller, which means that sustainable development could	is	is common for must economies to grow environ-
to high levels of pollution. This means that although environment the Chinese may be environmentally unsistainable; this may not be too problematic when taking a holistic view of other economies such as UK during the industrial revolution. However the negat unsustainable plevelopment of viban communities in particular this has been the 'political' structure of the nation whereby there is a lack of polity harmonisation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001 - 2005 of Xiaokang relates to an all round better Society with envitonmental Sustainability being a main piller, which means that sustainable development could	1- wer v	mentally unsustainably as most economies tend
although environme the Chinese may be environmentally unsistainable; this may not be too problematic when taking a holistic view of other economies such as UK during the industrial revolution. However the negat unsustainable plevelopment of viban communities in particular this has been the 'political' structure of the nation whereby there is a lack of polity haumonisation between local and central gouts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese pathere may be brighter. The lot five year plan from 2001-2003 of Xiaokang relates to an all round better society with envilonmental sustainability being a main pilpr, which means mat sustainable development could	10	of the off at the state of the
environmentally visitainable; this may not be too problematic when taking a holistic view of other revolution towever, the negat unsustainable pevelopment of viban communities in particular this has been the 'political' structure of the nution whereby there is a lack of polity havmoni- sation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001 - 2005' of Xiaokang relates to an all round better Society with envitonmental sustainabile development could	Ĥ	t high levels of pollution. This means that
problematic when taking a holistic view of other laws becomes such as UK during the industrial revolution. However, the negat unsustainable plevelopment of viban communities in particular this has been the 'political' structure of the nation whereby there is a lack of policy havmonisation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001-2005 of Xiaokang relates to an all round better society with environmental sustainability being a main pilter, which means that sustainable development could	l	Although environme the Chinese may be
revolution. However the negat unsustainable plevelopment of viban communities in particular plantis cause for concern. I feel the root cause of this has been the 'political' structure of the nation whereby there is a lack of policy havmoni- sation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The loth five year plan from 2001 - 2005 of Xiaokarg relates to an all round better Society with envitonmental sustainability being a main piltr, which means that sustainable development coulds	E	environmentally unsistainable; this may not be too
revolution. However the negat unsustainable plevelopment of viban communities in particular plantis cause for concern. I feel the root cause of this has been the 'political' structure of the nation whereby there is a lack of policy havmoni- sation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The loth five year plan from 2001 - 2005 of Xiaokarg relates to an all round better Society with envitonmental sustainability being a main piltr, which means that sustainable development coulds	A X	problematic when taking a holistic view of other
plevelopment of viban communities in particular blevelopment of the root cause of this has been the 'political' structure of the nation whereby there is a lack of policy havmoni- sation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001 - 2005 of Xiaokang relates to an all round better Society with envitonmental sustainable development could	1 ms	exonomies such as UK during the industrial
Menelopment of viban communities in particular latis cause for concern. I feel the rost cause of this has been the 'political' structure of the nation whereby there is a lack of polity howmoni-sation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The loth five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envitonmental sustainability being a main piller, which means that sustainable development cools	M 12	revolution. However the negat unsustainable
this has been the 'political' structure of the nation whereby there is a lack of polity harmonication between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001 - 2005 of Xiaokang relates to an all round better Society with envitonmental sustainability being a main piller, which means that sustainable development could		
nation whereby there is a lack of policy harmoni- sation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The loth five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envilonmental sustainability being a main piller, which means that sustainable development could	Two	is cause for concern. I feel the root cause of
nation whereby there is a lack of policy harmoni- sation between local and central govts has led to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The loth five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envilonmental sustainability being a main piller, which means that sustainable development could	Mer .	this has been the 'political' structure of the
to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The loth five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envitonmental sustainability being a main pilter, which means that sustainable development could	l b	nation whereby there is a lack of policy havmoni-
to policies that conflict rather complement each other being implemented. Although there has been a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envitonmental sustainability being a main pilbr, which means that sustainable development could	5	sation between local and central govts has led
a lack of balance between economic growth and general sustainable development thus far the Chinese pature may be brighter. The lot five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envitonmental sustainability being a main piltr, which means that sustainable development could		to policies that conflict rather complement each
a lack of balance between economic growth and general sustainable development thus far the Chinese fature may be brighter. The lot five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envitonmental sustainability being a main pilpr, which means that sustainable development could		other being implemented. Although there has been
and general sustainable development thus far the Chinese fature may be brighter. The lost five year plan from 2001 - 2005 of Xiaokang relates to an all round better society with envitonmental sustainability being a main pilpr, which means that sustainable development could		a lack of balance between economic growth
relates to an all round better society with envitonmental sustainability being a main pilbr, which means that sustainable development could		and general sustainable development thus par
relates to an all round better society with envitonmental sustainability being a main pilbr, which means that sustainable development could	,	the Chinese pature may be brighter. The lot five
envitonmental sustainability being a main piller, which means that sustainable development could		year plan from 2001 - 2005 of Xiaokang
envitonmental sustainability being a main piltr, which means mat sustainable development could		relates to an all round better society with
which means mat sustainable development could		
Thes discussion of a high order to lead, the estay with a raise of this raine Issues data. Tredit the quality of comment.		
Lead, the exercise with a range of yelus raining Theres data. Section the quality of comment.		Mes discussion of a high order
Sell the quality of comment		to feat, the essay with a range
Sedt the quality of comment		of allow haling There I data
		Sent the quality of comment
		There is a first of the second
		/5 (