Thursday 9 June 2016 – Afternoon

A2 GCE GEOGRAPHY

F763/01/I  Global Issues

INSERT

Duration: 2 hours 30 minutes

INFORMATION FOR CANDIDATES

- This document consists of 8 pages. Any blank pages are indicated.

INSTRUCTION TO EXAMS OFFICER/INVIGILATOR

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Earth hazards

Fig. 1

A fact file referring to flooding in Pakistan, 2010

- About 25% of the country covered by floodwater
- 20 million people affected
- Death toll approximately 2,000 people
- 1.7 million homes destroyed or damaged
- 3.2 million hectares of farmland flooded
- 10 million livestock (e.g. cattle, sheep, goats, chickens) drowned
- £10 billion (estimated) rebuilding costs
- 80% loss or severe damage to natural wetlands in Indus basin
Ecosystems and environments under threat

Fig. 2

Global distribution of animal and plant species at risk of local extinction, 2013

The size of a country indicates the proportion of animal and plant species at risk of local extinction that are found in that country. Colours are used to distinguish between different countries.
An extract adapted from a text on climatic hazards

Various human activities interact with natural processes. Gases such as sulphur dioxide (SO\textsubscript{2}) and nitrogen oxides (NO\textsubscript{x}) can combine with rainwater and sunlight to produce certain types of atmospheric conditions. During the course of the twentieth and twenty first centuries, these conditions have been affecting increasing numbers of places and people. The effects can be seen at a variety of scales such as the individual person, a city or a rural region.
Population and resources

Fig. 4

Population and resource production (wheat yields) for the European Union (EU) and sub-Saharan Africa 2000–2015

[Graph showing resource production (wheat yields) for EU and Sub-Saharan Africa from 2000 to 2015]

[Graph showing total population (millions) for EU and Sub-Saharan Africa from 2000 to 2015]
Globalisation

Fig. 5

Origins of parts used by a TNC (trans-national corporation) in making an aeroplane

- Forward fuselage – USA
- Centre fuselage – Japan and Italy
- Rear fuselage – USA
- Engines – UK and USA
- Main landing gear wheel well – Japan
- Wings – Japan
- Tail fin – USA
- Horizontal stabiliser – Italy

Boeing
Fig. 6

Percentage of households with access to piped water in urban areas in selected countries

- Colombia
- India
- Morocco
- Mozambique

Poorest 20% households
Richest 20% households