GCE AS/A level

1202/01

GEOGRAPHY – G2

Changing Human Environments

P.M. FRIDAY, 20 May 2016

1 hour 30 minutes plus your additional time allowance
ADDITIONAL MATERIALS

In addition to this examination paper, you will need one 12 page answer book.

INSTRUCTIONS TO CANDIDATES

Use black ink, black ball-point pen or your usual method.

Answer ALL questions.

Write your answers in the separate answer book provided.

Write your name, centre number and candidate number in the spaces at the top of the answer book.
INFORMATION FOR CANDIDATES

Each question carries 25 marks.

The number of marks is given in brackets at the end of each question or part-question.

You are reminded that assessment will take into account the quality of written communication used in your answers.

This paper requires that you make the fullest possible use of appropriate examples in support of your answers. Sketch-maps and diagrams should be included where relevant.
Answer ALL questions.

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

1(a) Use FIGURE 1 to describe changes in the mean centre of population for the USA. [5]

(b) Outline how the population characteristics of an area may be changed by migration. [10]

(c) Describe and explain differences in life expectancy between countries or regions. [10]
2(a) Use FIGURE 2 to describe the variety of land uses and their locations. [5]

(b) Describe ONE regeneration scheme in an inner city or CBD and evaluate its success. [10]

(c) Identify and explain the pressures on green belts. [10]
FIGURE 3: 1:25 000 MAP EXTRACT OF NEWPORT, ISLE OF WIGHT
Please note: selected explorer map symbols are provided at the back of the question paper.

3(a) Use FIGURE 3 to contrast the land uses shown in grid square A (4988) with those shown in grid square B (4987). [7]

(b) Outline TWO additional pieces of information that could be collected to further understand the human geography of the area shown in FIGURE 3. [8]

(c) Evaluate how you presented the information collected for your investigation into a changing human environment. [10]

You should state clearly the question that you have investigated.

END OF PAPER
The mean centre of population is calculated using total population and its distribution TO LOCATE the focal point of the population.

Source: adapted from www.census.gov/geog
FIGURE 2: PHOTOGRAPH SHOWING PART OF A CITY

Source: R. Rowbottom
**ROADS AND PATHS**

- Motorway
- Dual carriageway
- Trunk or Main road
- Secondary road
- Narrow road with passing places
- Road under construction
- Road generally more than 4 m wide
- Road generally less than 4 m wide
- Other road, drive or track, fenced and unfenced
- Path

**RAILWAYS**

- Multiple track
- Single track
- Narrow gauge
- Light Rapid Transit System with station
- Road over; road under; level crossing
- Cutting; tunnel; embankment
- Station, open to passengers; siding

**COMMUNICATIONS**

**GENERAL INFORMATION**

- Service Area
- Junction Number

**GENERAL FEATURES**

- Gravel pit
- Sand pit
- Other pit or quarry
- Landfill site or slag heap
- Place of worship
- Building; important building
- Glasshouse
- Youth hostel
- Bunkhouse/camping barn/other hostel (selected areas only)
- Bus or coach station
- Lighthouse; disused lighthouse;
- Beacon
- Triangulation pillar
- Mast
- Windmill; with or without sails
- Wind pump; wind generator
- Electricity transmission line
- Slopes
- BP Boundary post
- BS Boundary stone
- CH Clubhouse
- FB Footbridge
- MP; MS Milepost; milestone
- Mon Monument
- PO Post office
- Pol Sta Police station
- Sch School
- TH Town Hall
- NTL Normal tidal limit
- W; Spr Well; spring

**VEGETATION**

- Coniferous trees
- Non-coniferous trees
- Coppice
- Orchard
- Scrub
- Bracken, heath or rough grassland
- Marsh, reeds or saltings
PUBLIC RIGHTS OF WAY

- Footpath
- Bridleway
- Byway open to all traffic
- Road used as a public path

OTHER PUBLIC ACCESS

- Other routes with public access
  - National Trail / Long Distance Route;
    Recreational route
- Permitted footpath
- Permitted bridleway
  \(\text{See note below}\)

Footpaths and bridleways along which landowners have permitted public use but which are not rights of way. The agreement may be withdrawn.

- Off road cycle routes

National cycle network number

HEIGHTS AND NATURAL FEATURES

- Ground survey height: 52
- Air survey height: 264
- Contours are at 5 metres vertical height

- Vertical face/cliff
- Loose rock
- Boulders
- Outcrop
- Scree

ARCHEOLOGICAL AND HISTORICAL INFORMATION

- Site of antiquity
- Site of battle (with date)
- Non-Roman
- Castle
- Visible earthwork

SELECTED TOURIST AND LEISURE INFORMATION

- Public Convenience
- Telephone (public / motoring organisation / emergency)
- Information centre, seasonal