

General Certificate of Education
January 2005
Advanced Level Examination



**GEOGRAPHY (SPECIFICATION A)
Unit 7**

GGA7/PM

No additional materials are required.

To be issued to candidates on 1 December prior to the examination.

Pre-release material

Instructions

- This material must be kept **unmarked** for use in the forthcoming examination.
- The centre 2-page section of this booklet contains coloured photographs, which can be detached.

Advice

- You should use the information contained in this booklet to become familiar with the aim, methods and data provided. Methods of data presentation should be considered and subsequent analysis and conclusions drawn. Enquiry related issues should be explored. You should use your own experience of fieldwork.

TITLE OF ENQUIRY

How has Purton changed as a result of counter urbanisation?

AIM

The aim of this enquiry is to determine whether the land use of Purton and the socio-economic characteristics of its inhabitants reflect that of a village changed by counter urbanisation.

In order to complete this enquiry, a number of objectives can be identified.

- Objective 1. To determine whether the land use pattern predicted in the model of a suburbanised village is present in Purton.
- Objective 2. To ascertain whether the overall quality of the buildings/environment is high and varies, reflecting the different zones of the village.
- Objective 3. To determine whether the socio-economic characteristics of the inhabitants of Purton reflect those expected in a village influenced by counter urbanisation.

BACKGROUND INFORMATION

Counter urbanisation is defined in the AS/A-Level Geography Essential Word Dictionary as the 'decentralising movement of population in More Economically Developed Countries away from cities and conurbations to smaller towns and villages in commuter hinterlands, and to remoter rural areas'. Thus, it is to be expected that settlements, in the rural-urban fringe, will be affected by this process. A significant number of villages in this zone are changed to such an extent that they become part of a specific group – the suburbanised village. Here, substantial changes in both land use and pattern as well as the nature of the inhabitants are expected. These predicted changes are shown in **Figures P1a** and **P1b**.

The location of Purton is shown in **Figure P2**. In 2001, Purton's population was 3983. According to the Wiltshire Structure Plan, Purton is a 'Rural Buffer Settlement'. The Structure Plan indicates the need to provide 60 000 new homes between 1996 and 2016, with 23 000 of them to be built in the Swindon area, of which Purton is a part. The Purton Parish Council Annual Report, published in March 2001, stated that 'we will be expected to take our share'.

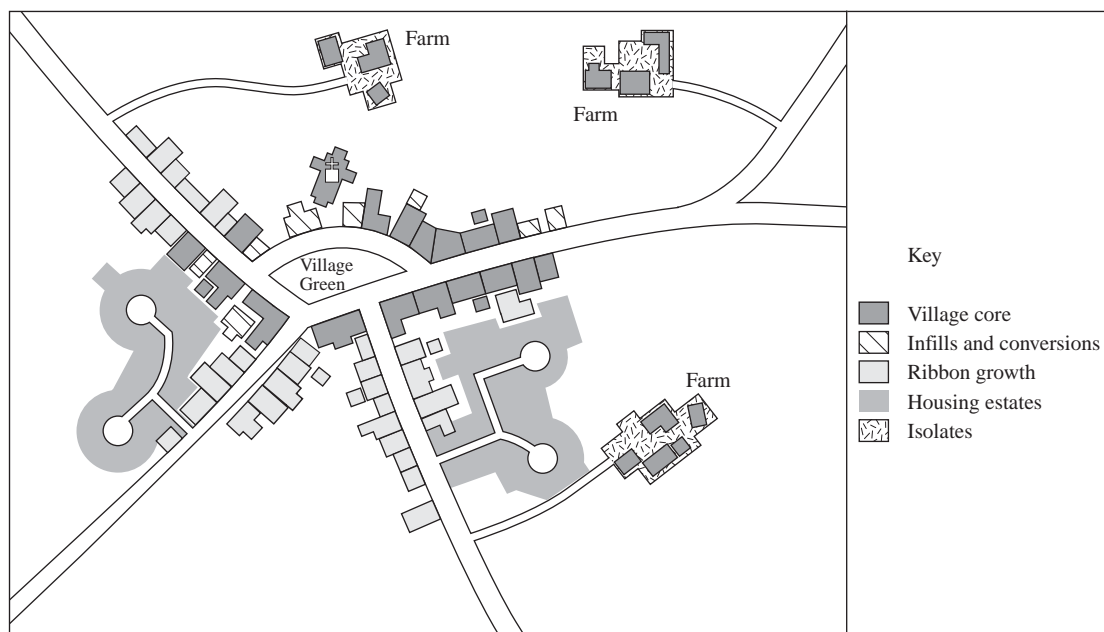


Figure P1a

Characteristics	Original village	Suburbanised village
Housing	Detached, stone-built houses with slate or thatch roofs; some farms, most over 100 years old; barns.	New, mainly detached or semis; renovated barns or cottages; expensive planned estates, garages.
Inhabitants	Farming and other primary jobs; labouring or manual jobs.	Professional/executive commuters; wealthy with young families or retired.
Transport	Bus services; some cars; narrow, winding roads.	Decline in bus services as most families have one or two cars; better roads.
Services	Village shop, small junior school, public house, village hall.	More shops, enlarged school, modern public houses and/or restaurants.
Social	Small, close-knit community.	Local community swamped; village may be deserted by day.
Environment	Quiet, relatively pollution free and open space.	More noise and risk of more pollution; loss of farmland.

Figure P1b

Turn over ►

Figure P2, Ordnance Survey map extract 1:50000, OS Landranger 173 (Swindon), has not been reproduced here due to third-party copyright constraints.

DATA COLLECTION

Figure P3 (in the centre of this booklet) shows the study area and photographs taken at specific study sites within the study area. An age of buildings survey was conducted by a geography student along each street and a map shaded to indicate the age of buildings throughout Purton. The results of this survey are shown on **Figure P4**, which was produced by the student who conducted the survey.

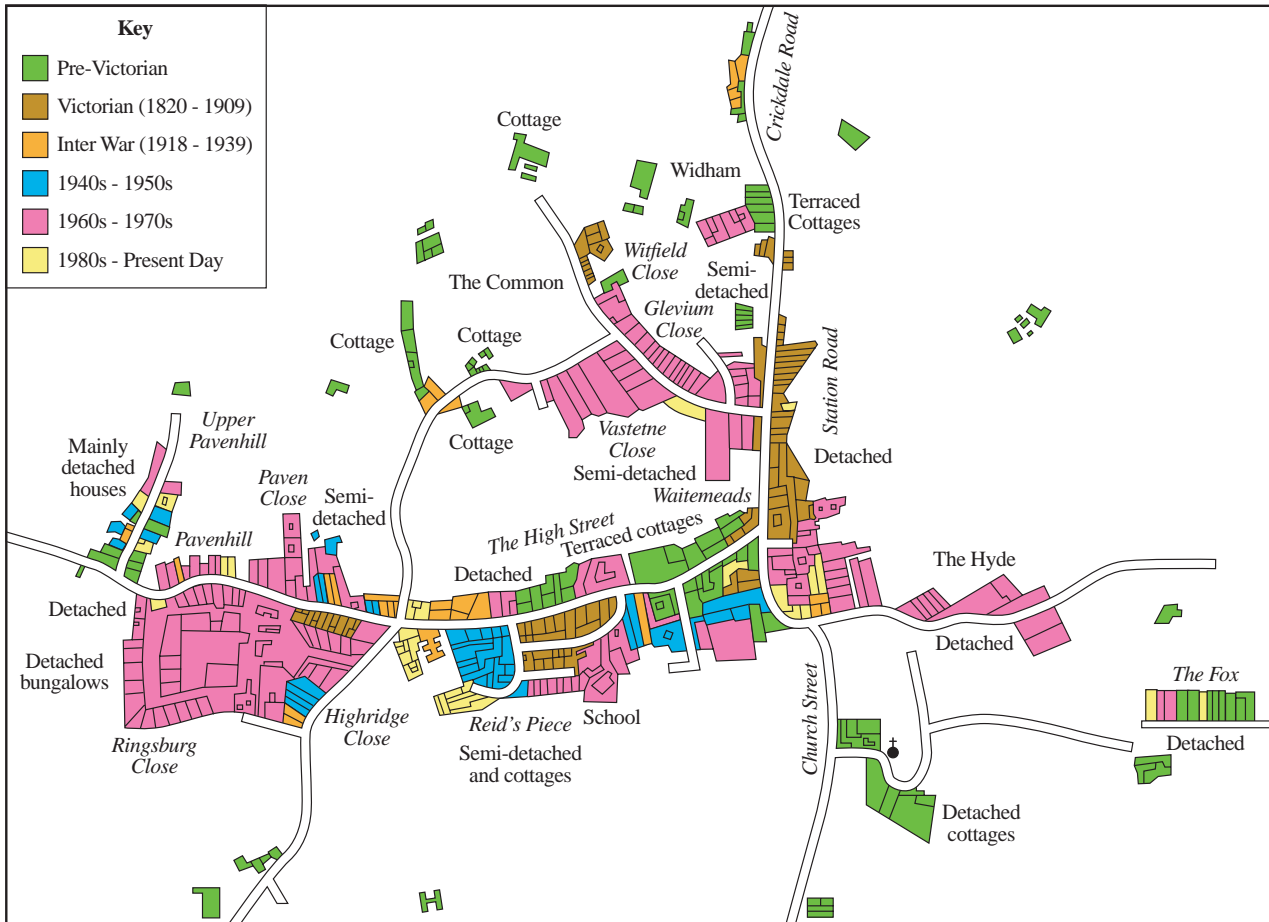


Figure P4

Turn over ►

At each of the study sites shown on **Figure P3**, a building/environment survey was carried out. Each study site was scored according to a variety of features on a scale of 1 to 5. The score descriptors for the extreme values were written with reference to the study area. The results of the survey appear in **Figure P5**.

Feature	Score Descriptor	Study Site Number												
		1	2	3	4	5	6	7	8	9	10	11	12	13
Building design	1 – interesting, varied 5 – uninspiring, ugly, all the same	2	4	2	4	4	2	1	4	1	3	2	2	2
Density/amount of space	1 – low density/spacious layout 5 – high density/crowded	3	3	2	3	3	4	4	2	2	2	2	1	3
Quality of private space	1 – large, very well cared for 5 – very small, neglected	4	4	1	2	3	2	4	2	3	2	1	1	2
Conditions of roads/path	1 – very good, well-maintained 5 – uneven, poor maintenance	3	2	2	3	3	1	4	2	2	3	2	2	3
Amount of noise	1 – very quiet 5 – very noisy	3	3	1	2	2	1	4	3	3	1	1	1	3
Amount of landscaping	1 – a lot of trees, grass, shrubs 5 – no landscaping	3	3	2	2	3	3	4	4	4	2	2	2	4
Traffic/parking	1 – very little/off-street parking 5 – a lot/cars parked on street	4	5	2	2	2	1	4	3	3	2	1	1	3
Stimulating appearance	1 – attractive, visually pleasing, varied 5 – unattractive, dull, monotonous	2	3	2	3	3	2	1	2	2	3	2	1	3

Figure P5

DISCARD PAGE

Turn over ►

DISCARD PAGE



1



2



3



4



5



13



12



11



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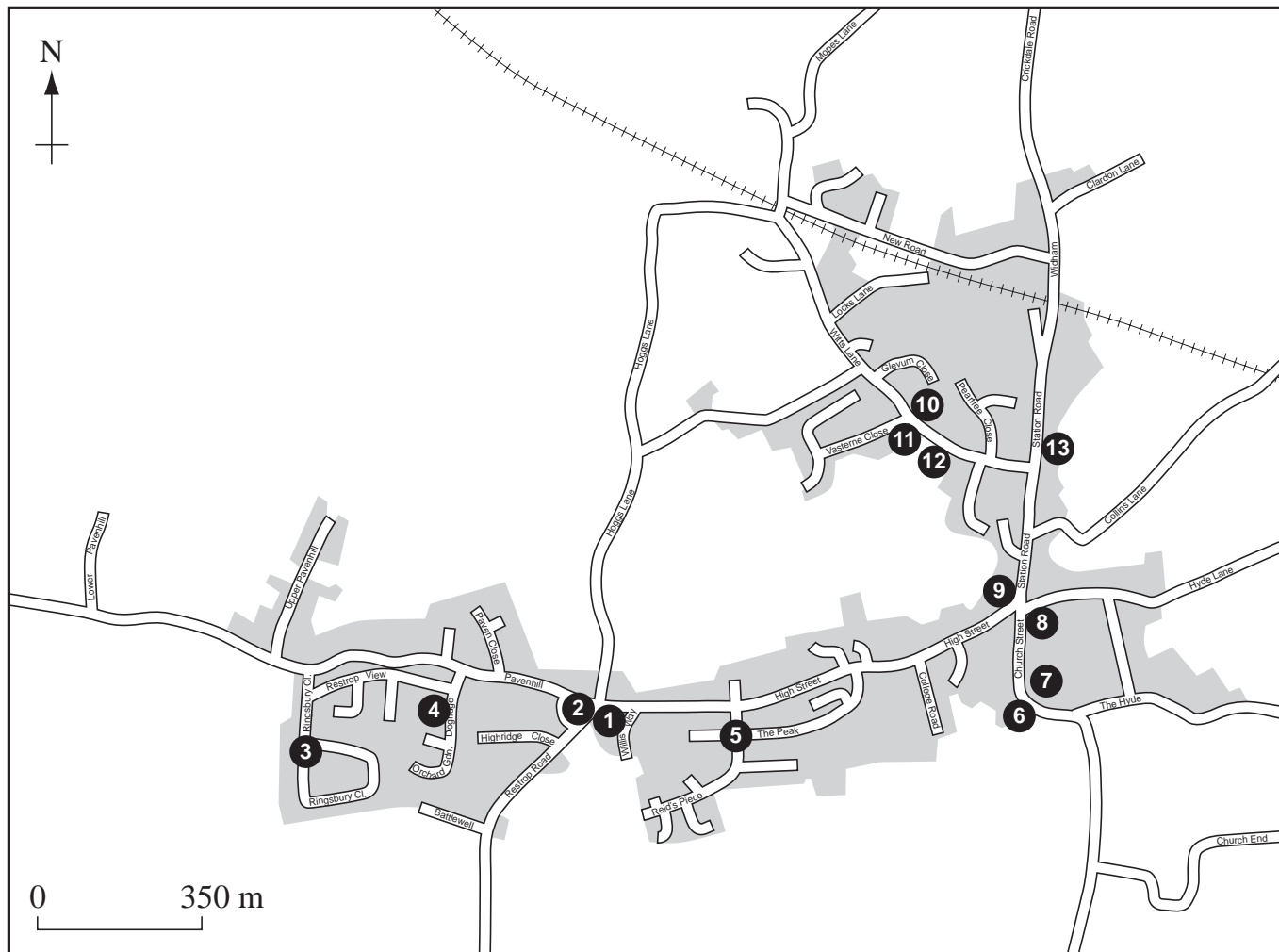


Figure P3



6



7



9



8

DISCARD PAGE

Any pedestrian encountered in the village on a route that included the study sites was asked if they would be willing to complete a questionnaire. Once the questionnaire had been filled in, the next person to pass was then asked, until the target sample of 100 was reached. The questionnaire was piloted and the initial version is shown in **Figure P6a**, whilst the final version and the tabulated results are shown in **Figure P6b**.

Questionnaire

This questionnaire is to help in my investigation to see whether Purton is a suburbanising village. Your help will enable me to achieve this for 20% of my final A-Level in Geography.

1. Are you:	MALE		FEMALE		
2. AGED	3. HOUSE TYPE		4. If you have children how old are they?		
16–24	Detached	0–5	5–10	10–15	15–20
24–30	Semi-detached				over
30–36	Terraced	5. Do you/they commute to work by:			
36–42	Cottage	PUBLIC TRANSPORT		PRIVATE TRANSPORT	
42–48	Flat	6. Where do they work?			
48–56	Other				
56–62					
62–68					
68–80+					
7. What sector of the economy does the main earner work in?					
Primary – farming					
Secondary – manufacturing					
Tertiary – retail/office					
Quaternary – finance					
Quinary – education/health					
8. How long have you lived in Swindon?					
Less than	1–5 yrs	5–10 yrs	10–15 yrs	15–20 yrs	20–30 yrs+
9. Have you moved to Purton to get away from the inner city and suburban areas of Swindon?					
YES <input type="checkbox"/>		NO <input type="checkbox"/>			
10. Did you want to feel part of a community			And do you?		
YES		NO		YES	
				NO	
11. Are you concerned by the growing number of houses and new developments, which will inevitably join Purton onto the suburbs of Swindon?					
Please state YES or NO or give your own OPINION					

Figure P6a

Turn over ►

QUESTIONNAIRE

This questionnaire is to help me investigate to see if Purton is a suburbanising village. **PLEASE TICK WHEN ANSWERING ✓.**

1. How long have you been living in Purton?			
A. less than 5 years	9	B. 5–15 years	32
C. 16–25 years	30	D. 26–40+ years	29
2. Why did you move to the village?			
A	Wanted to live in the countryside		24
B	Cheaper house price rates		2
C	Good facilities		7
D	Part of a community		21
E	Has good schools		11
F	Away from noise and pollution of Swindon		8
G	Born here		26
H	Husband's job		19
I	Allocated house		5
3. What is the tenure of the house?			
Owner occupier	Council rented	Privately rented	Other
76	9	7	8
4. What type of house do you have?			
Detached	47		
Semi-detached	33		
Terraced			
Cottage	4		
Flat	7		
Other, please state	9		
5. Do you regularly use public transport?			
YES	23	NO	77
6. How many cars do you have in the household?			
A. None	6	B. One	34
C. Two	48	D. Three or more	12
7. What sector of the economy do you or the main earner work in?			
Labour/manual	16		
Manufacturing	2		
Service	33		
High tech industry	24		
Self employed	11		
Housewife	6		
Retired	8		

8. Where do you/they work?					
Siddington	1	Malmesbury			1
Basingstoke	1	Fairford			2
Bristol	6	Work from home			2
Lydiard Millicent	1	Hatfield			1
Purton	27	Cardiff University			1
Swindon	48	Cheltenham University			1
Shrivenham	1	Birmingham University			1
		Not working			6
9. In which of these age groups do you fall?					
A. 18–30 years	36	B. 31–45 years	21	E. under 18	2
C. 46–60 years	32	D. over 60 years	9		
10. Are you male or female?					
MALE	36	FEMALE			64
11. Do you have children?					
YES	63	NO			37
12. If yes, what age group do they fall into?					
0–5	6–10	11–15	16–20	20+	
32	21	39	41	5	

Figure P6b

Census data for selected characteristics was obtained for 2001 with comparable data for North Wiltshire. This data is shown in **Figure P7**.

Age Groups (% population)	Purton	North Wiltshire
Under 16	18.8	21.3
16–19	4.3	4.3
20–29	7.7	10.5
30–59	43.7	44.5
60–74	15.6	12.5
75 and over	9.9	6.9
Average age (years)	42.1	38.3

Characteristics (% households)	Purton	North Wiltshire
Pensioners living alone	13.3	12.3
Owner occupier	80.7	75.7
Rented from council	1.4	1.1
Rented from Housing Association or Registered Social Landlord	10.2	11.5
Private rented or live rent free	7.7	11.7
Have no car or van	12.2	14.4
Have 2 or more cars or vans	47.6	43.5

Resident population aged 16–24 (%)	Purton	North Wiltshire
Had no qualifications	27.0	22.2
Qualified to degree level or higher	18.8	22.3

Health in previous 12 months (% population)	Purton	North Wiltshire
Good	68.6	73.9
Fairly good	22.8	20.0
Not good	8.6	6.1

Figure P7

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