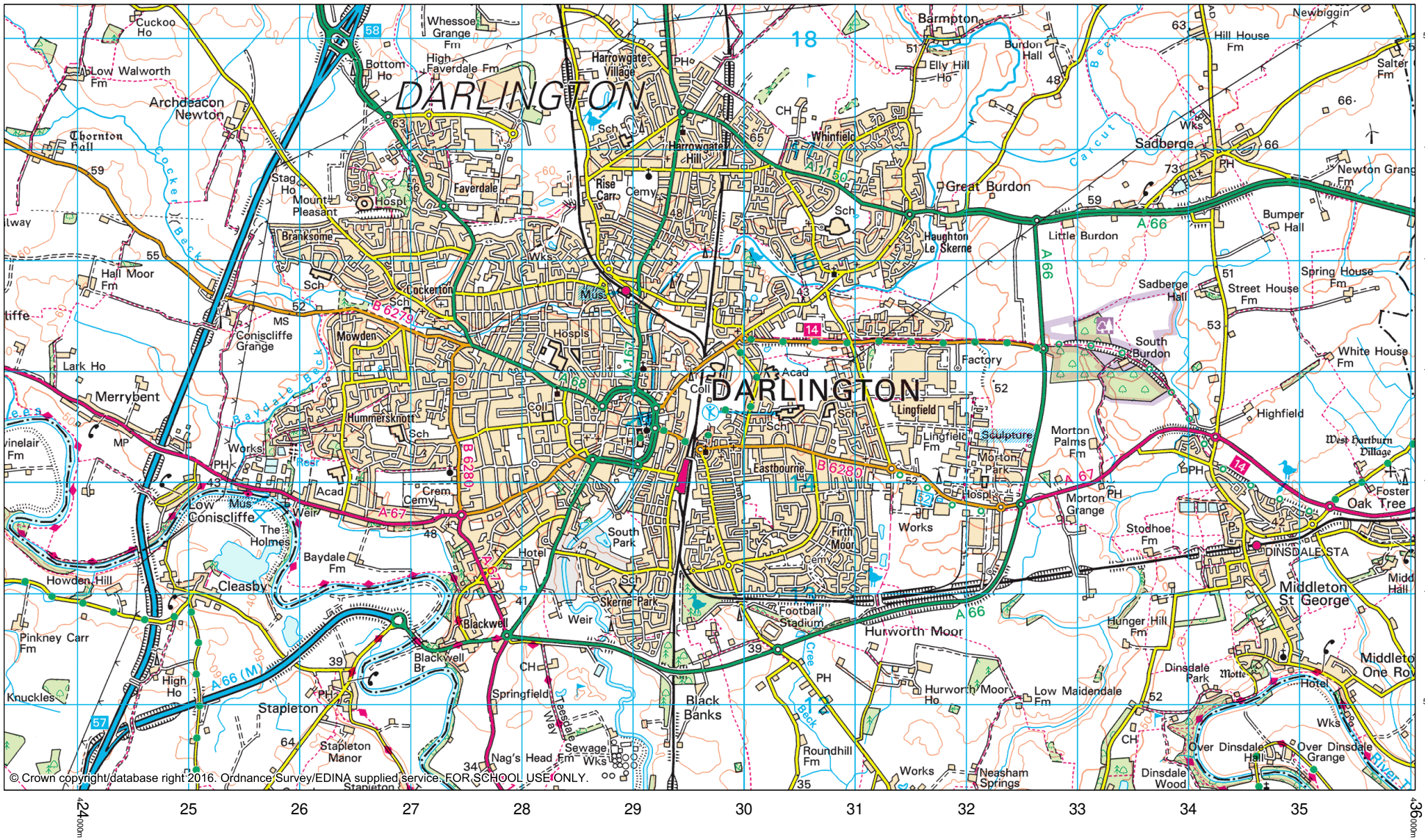
OS Map of Darlington



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Digimap for Schools

Ordnance Survey

Scale 1:50000

0 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 km

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Nov 21, 2016 13:38

St George's College
Weybridge Road
Addlestone
KT15 2QS

Figure 2: Road Map of Darlington

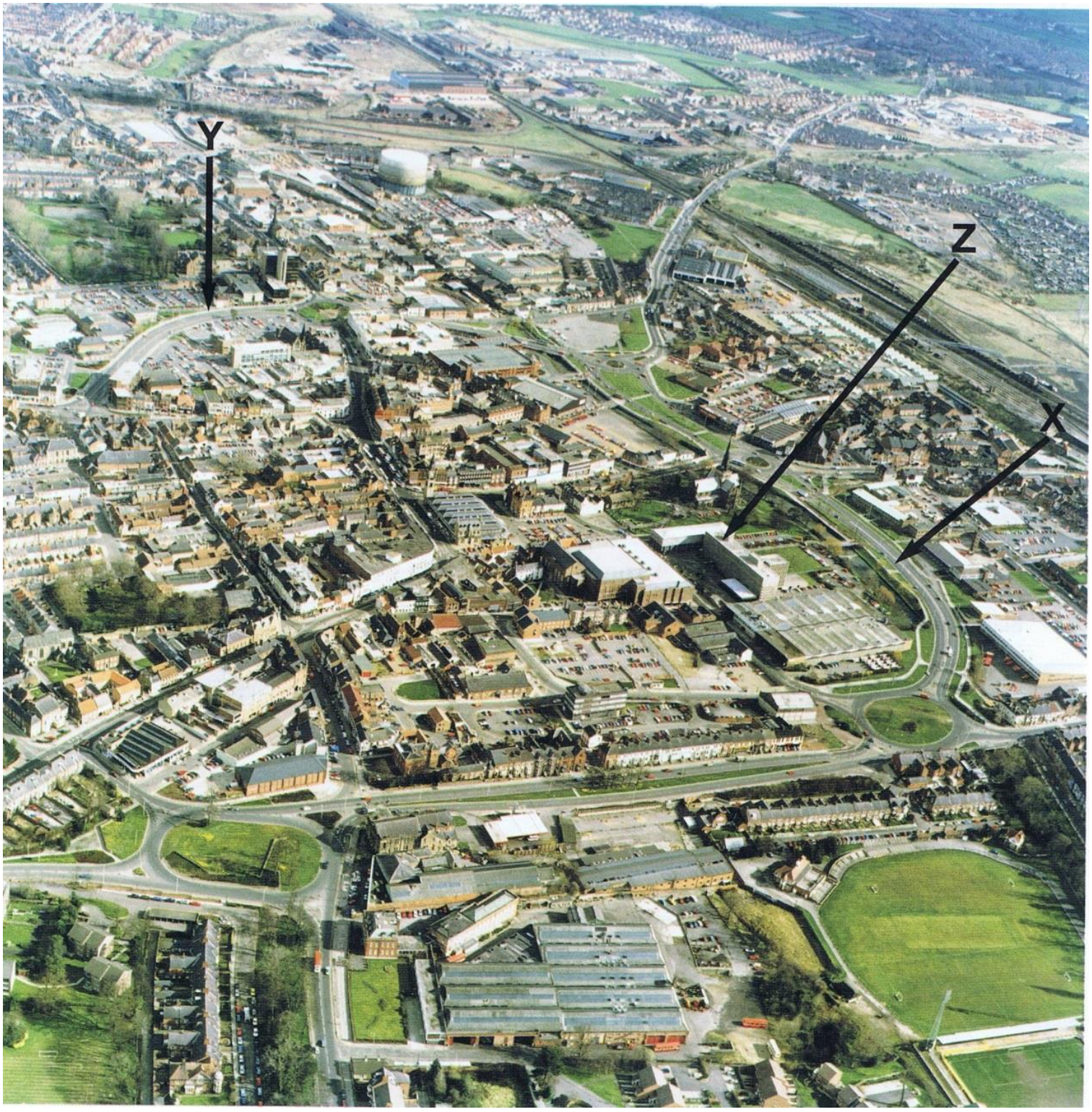


Key

- P car parks
- † church or steeple
- ■ fire station
- i information centre
- ▲ police station
- ● post office
- Mkt Market

Figure 2

Figure 3: Darlington Town Centre



ST. GEORGE'S COLLEGE

GEOGRAPHY



COMMON ENTRANCE 2016

ACADEMIC SCHOLARSHIP TESTS

Name: ……..

School: ……..

EXAM TIME = 1 Hour.

All candidates should answer all parts of section A. Use the spaces provided in the booklet to write your answers. You may use extra lined paper, should you need it.

You should then answer ONE question from Section B, writing your answer on the lined paper provided.

You are advised to spend about 30 minutes on section A and about 30 minutes on section B.

You may use diagrams whenever you think they will improve the quality of your answer.

Credit will be given for the correct use of geographical vocabulary and for the correct use of detailed examples.

SECTION A

Answer **ALL** the questions in section A.

Use **Figure 1**, the Ordnance Survey map extract of Darlington in north east England to help you to answer the following questions.

1. Give the **6 figure** grid reference for the "bus or coach station" in Darlington.

   …….. (1 mark)

2. Describe the location of Darlington in relation to the main transport routes.

   ……
   ……
   ……
   ……
   ……
   …….. (2 marks)

3. What is the distance **by rail** from Dinsdale railway station in grid square 3413 to the principal railway station in Darlington?

   …… (2 marks)

4. **Compare** the **land uses** and other **human** features in grid squares 2913 and 3117.

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……(4 marks)

5. **Compare** the **physical** features found in grid squares 3118 and 2513.

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……(4 marks)

Use Figure 2, the road map of Darlington and Figure 3, the aerial photograph of Darlington to help you to answer the questions below.

6. The road marked X on **Figure 3** is St. Cuthbert's.

a) What is the building marked Z on **Figure 3**?

……. (1 mark)

b) Name the road marked Y on **Figure 3**.

…… (1 mark)

c) In which compass direction was the camera facing when the photograph was taken?

……. (1 mark)

7. Suggest why square A2 on **Figure 2** is the Central Business District (city centre) of Darlington. Use evidence from the map and photograph in your answer.

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……..…… (4 marks)

8. Study **Figure 4**, which shows an age profile of housing in Darlington.

Age of House	Percentage of housing
Pre 1919	17%
1919-1944	27%
1945-1960	14%
1961-1980	21%
1981-2001	21%

Figure 4

a) Complete the graph shown below in **Figure 5**, using the information in Figure 4. The first one has been done for you.

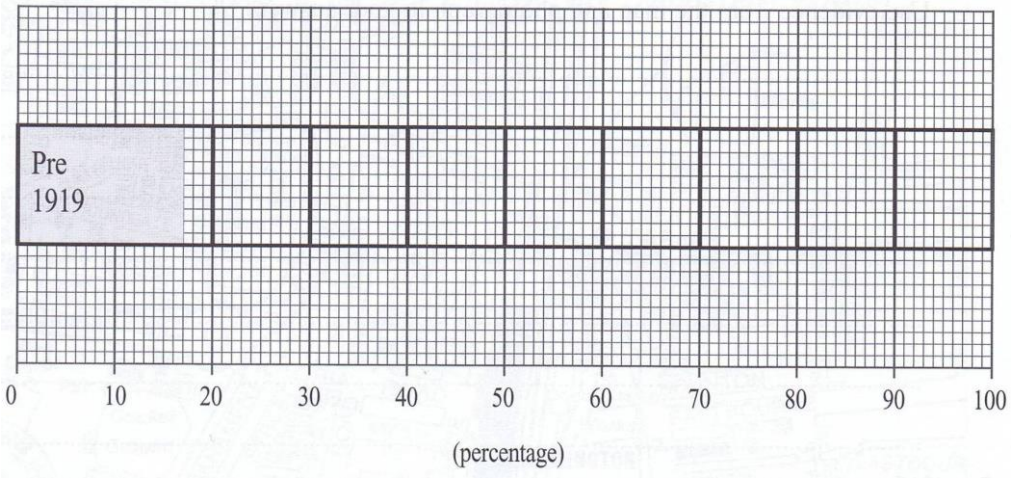


Figure 5

b) What does Figure 5 suggest about the growth of Darlington?

……
……
……
……
…….. (2 marks)

END OF SECTION A
PLEASE TURN OVER FOR SECTION B

SECTION B

Answer **ONE** question from this section

You should spend about 30 minutes on this section.

Write your answer on lined paper and write your name on the top of each piece of paper that you use.

You may use diagrams whenever you think they will improve the quality of your answer.

Credit will be given for the correct use of geographical vocabulary and for the correct use of detailed examples.

1. **EARTHQUAKES AND VOLCANOES**

i) Explain the global distribution of earthquakes and volcanoes. (6 marks)

ii) Why may volcanoes and earthquakes cause more damage in some parts of the world than in others? (5 marks)

iii) Draw a detailed map to show the location of a volcano or earthquake which you have studied. Try to label as many nearby countries, cities and physical features as you can (4 marks)

iv) Why do some people choose to live in areas which experience volcanoes? (4 marks)

v) Draw a labelled diagram to explain the processes that have caused a volcanic eruption which you have studied. (6 marks)

2. **FLOODING**

i) Draw a map to show the location of a flood – either coastal or river, which you have studied. Try to add some detailed labels, such as nearby countries, cities or relevant physical features. (5 marks)

ii) What are the main causes of flooding in different parts of the world? (6 marks)

iii) What are the main long term human responses to flooding? Try to include the responses from members of the public, the emergency services and from different governments. (4 marks)

iv) Why might the number of floods be increasing in different parts of the world? (6 marks)

v) Using a case study, describe the effects of one flood on both human beings and the landscape? (4 marks)

3. **SETTLEMENT**

i) Draw and label a diagram to show the **physical** factors affecting the site of one settlement which you have studied. Please give the name of the settlement as a title for your diagram.
(4 marks)

ii) Discuss the **human** factors which have affected the site and growth of one settlement which you have studied. (6 marks)

iii) Explain how and why the functions of a settlement you have studied have changed over time. (6 marks)

iv) How can the land use pattern be expected to change along a transect from the CBD to the urban edge in a typical settlement in the UK. (4 marks)

v) Discuss ways that urban areas can be managed sustainably. (5 marks)

4. **ECONOMIC ACTIVITY**

i) What is meant by the term ‘globalisation’? (4 marks)

ii) What are the potential advantages and disadvantages of globalisation? (6 marks)

iii) Describe and explain the factors which have affected the location of one industry which you have studied. (6 marks)

iv) What is the difference between secondary and tertiary industry and how may the two types be linked? (5marks)

v) Draw a map to show the location of one industry or company which you have studied. Give your map a title and label some neighbouring countries or cities. Add some arrows to show where it may sell its products or where it gets its raw materials from in order to make its product ? (4 marks)

5. **SUSTAINABLE DEVELOPMENT**

i) What is meant by the term ‘sustainable development’? (5 marks)

ii) Give some reasons for wanting to conserve the environment of an area which you have studied? (4 marks)

iii) Draw and label a sketch map to show the location of your chosen area. (4 marks)

iv) Discuss some of the conflicts of land use in your chosen area. (6 marks)

v) Outline some of the ways in which your chosen area is being managed and what affects this is having. (6 marks)

5. **WEATHER / CLIMATE HAZARD**

i) Draw and label a sketch map to show the location of a weather hazard which you have studied. (5 marks)

ii) Describe the causes of a weather hazard which you have studies. (4 marks)

iii) Describe the effects of a weather hazard which you have studied. (6 marks)

iv) Describe the human responses to your chosen weather hazard. (4 marks)

v) Why will weather hazards have more impact on people and the environment in some parts of the world than in other parts. (6 marks)

END OF EXAM

PLEASE USE ANY SPARE TIME TO READ OVER AND IMPROVE YOUR ANSWERS.

