

Centre Number						Candidate Number				
Surname										
Other Names										
Candidate Signature										

For Examiner's Use	
Examiner's Initials	
Question	Mark
1(a)	
1(b)	
2	
3(a)	
3(b)	
4	
TOTAL	



General Certificate of Education
Advanced Level Examination
June 2014

Geography

GEO4B

Unit 4B Geographical Issue Evaluation

Monday 16 June 2014 1.30 pm to 3.00 pm

For this paper you must have:

- the Advance Information Booklet and the Ordnance Survey map extract (previously despatched).

You may use a calculator.

Time allowed

- 1 hour 30 minutes

Instructions

- Use black ink or black ball-point pen. Use pencil only for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions.
- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- Do all rough work in this book. Cross through any work that you do not want to be marked.
- Figures and page numbers pre-fixed **P** are to be found in the Advance Information Booklet.

Information

- The marks for questions are shown in brackets.
- The maximum mark for this paper is 60.
- You will be marked on your ability to:
 - use good English
 - organise information clearly
 - use specialist vocabulary where appropriate.

Advice

- Where appropriate, credit will be given for the use of diagrams to illustrate answers and where reference is made to your personal investigative work.
- You are advised to allocate your time carefully.



J U N 1 4 G E O 4 B 0 1

Answer **all** questions in the spaces provided.

- 1** **Figure 1** contains information taken from **Figure P3** in the Advance Information Booklet.

Figure 1

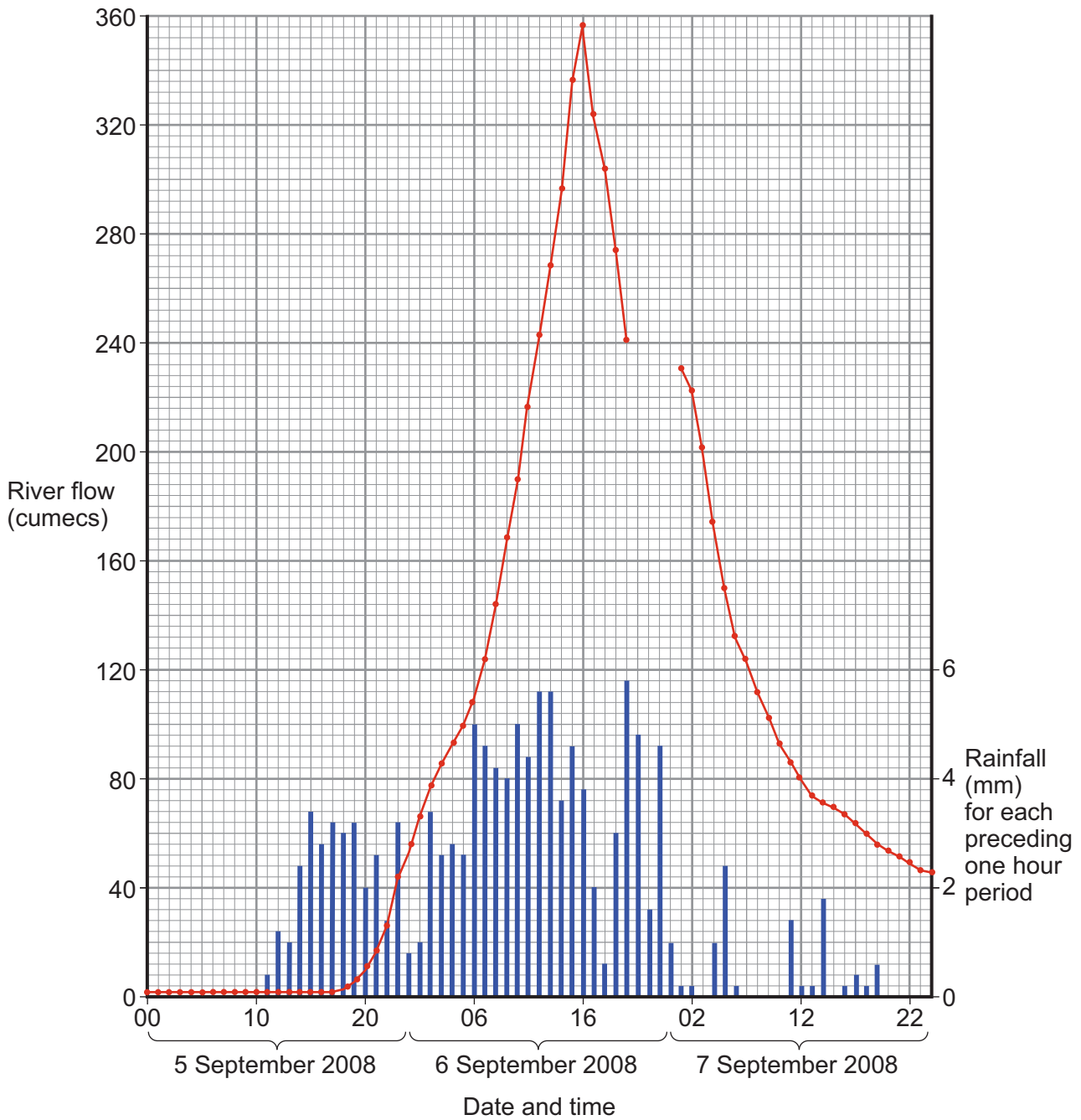
Date	Time	River flow (cumeecs)
06.09.08	21.00	215
06.09.08	22.00	206
06.09.08	23.00	213
07.09.08	00.00	224

- 1 (a)** Use data from **Figure 1** to complete the storm hydrograph in **Figure 2**.

[2 marks]



Figure 2



1 (b) Discuss the factors that might influence the shape of the completed hydrograph in Figure 2.

[8 marks]

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Question 1 continues on the next page

Turn over ►



2

'Human factors were more important than physical factors in explaining why Middle Greens was flooded.'

Discuss the extent to which you agree with this statement.

[15 marks]

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Question 2 continues on the next page

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Turn over for the next question

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3 (a) Discuss how well prepared and organised the emergency response was to the Morpeth flood.

[15 marks]

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4 Comment on what has been done since February 2012 to improve Morpeth's readiness for further flooding. Make reference to the further research that you have done on this topic.

[5 marks]

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END OF QUESTIONS

5



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