

Please check the examination details below before entering your candidate information

|                                                                                              |  |                                                                                                          |                                                                                     |
|----------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Candidate surname                                                                            |  | Other names                                                                                              |                                                                                     |
| <b>Pearson Edexcel</b><br><b>International GCSE</b>                                          |  | Centre Number                                                                                            | Candidate Number                                                                    |
|                                                                                              |  | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> | <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> |
| Time 1 hour 30 minutes                                                                       |  | Paper reference                                                                                          | <b>4BN1/02</b>                                                                      |
| <b>Bangladesh Studies</b><br><b>PAPER 2: The landscape, people and economy of Bangladesh</b> |  |                                                                                                          |                                                                                     |
| You do not need any other materials.                                                         |  |                                                                                                          | Total Marks                                                                         |

### Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this page with your name, centre number and candidate number.
- Answer **all** questions.
- Answer the questions in the spaces provided  
– *there may be more space than you need.*

### Information

- The total mark for this paper is 75.
- The marks for **each** question are shown in brackets  
– *use this as a guide as to how much time to spend on each question.*

### Advice

- Read each question carefully before you start to answer it.
- Try to answer every question.
- Check your answers if you have time at the end.
- Good luck with your examination.

Turn over ►



Answer ALL questions.

## SECTION A

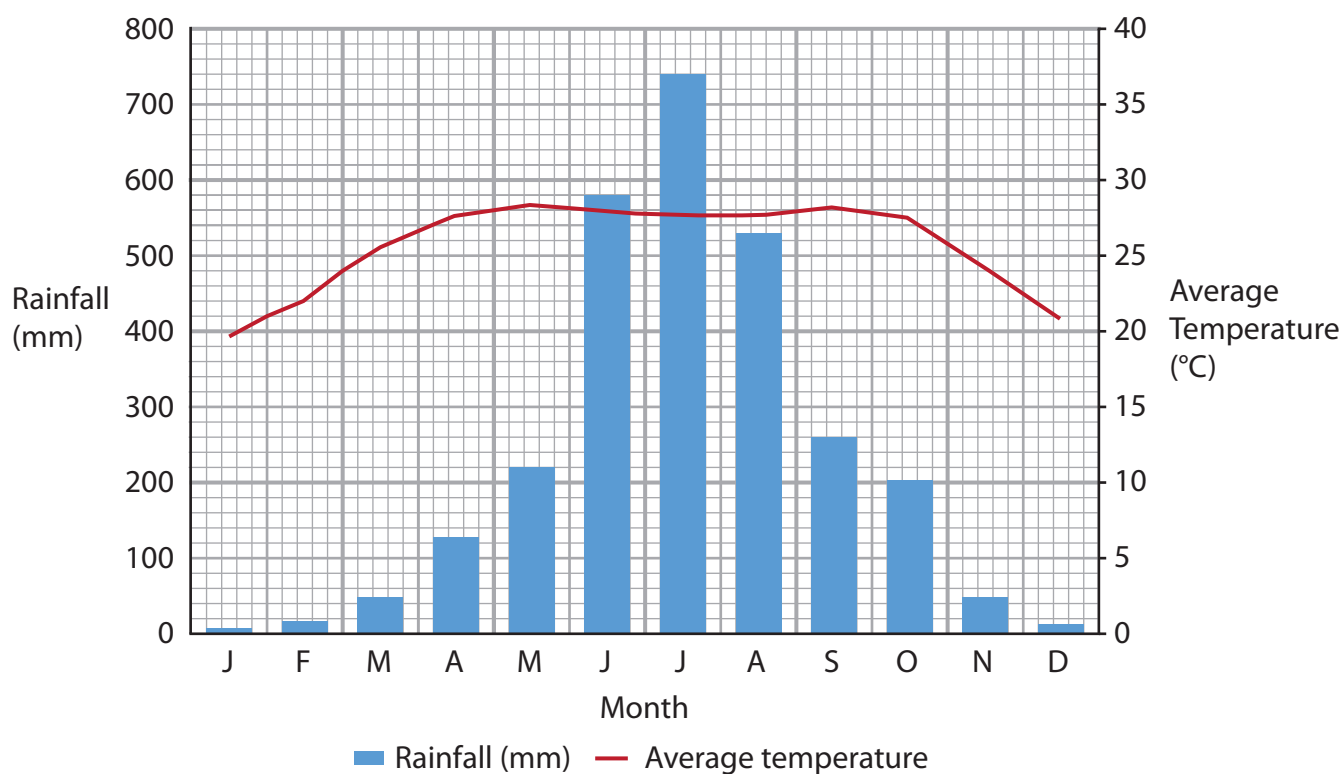
### The physical environment

Some questions must be answered with a cross in a box ☐. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☐.

Write your answers in the spaces provided.

You should aim to spend no more than 30 minutes on this section.

- 1 (a) Study Figure 1, which shows a climate graph for Chittagong.



(Source: <https://en.climate-data.org/asia/bangladesh/chittagong-division/chittagong-4059/>)

Figure 1

- (i) Identify which month has an average temperature of above 25°C.

(1)

- ☐ A January  
☐ B February  
☐ C July  
☐ D November



(ii) Calculate the difference between rainfall in June and rainfall in July.

(1)

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(iii) Describe **one** reason why rainfall varies throughout the year in Bangladesh.

(2)

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(b) Explain **one** negative impact resulting from the use of non-renewable energy in Bangladesh.

(3)

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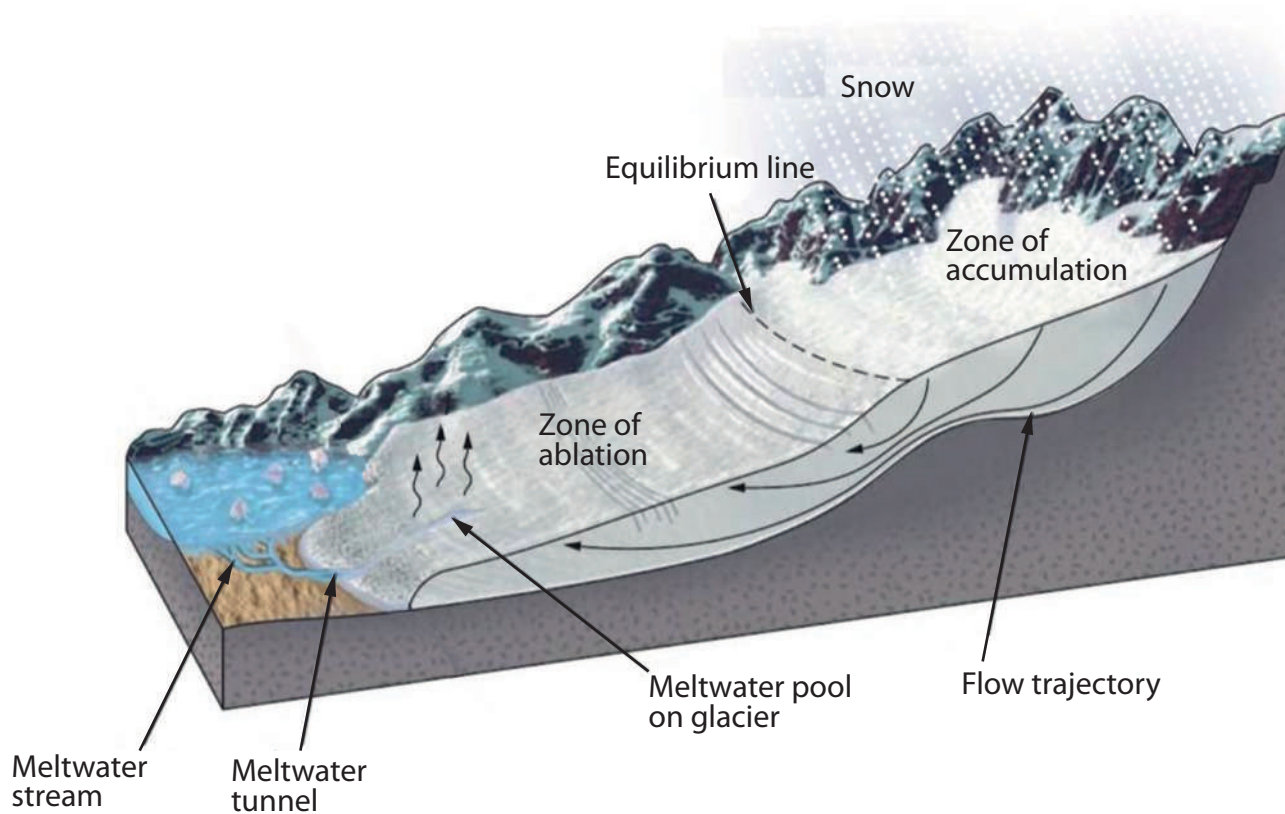
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(c) Study Figure 2, which shows a cross section of a glacier.



**Figure 2**

Describe the processes of glacial accumulation and glacial ablation.

(4)

Glacial accumulation

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Glacial ablation

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(d) Explain how the Bangladesh Government is attempting to reduce the impacts of tropical cyclones.

(6)

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(e) Assess the extent to which flooding in Bangladesh is caused by human activity.

(8)

(Total for Question 1 = 25 marks)

**TOTAL FOR SECTION A = 25 MARKS**

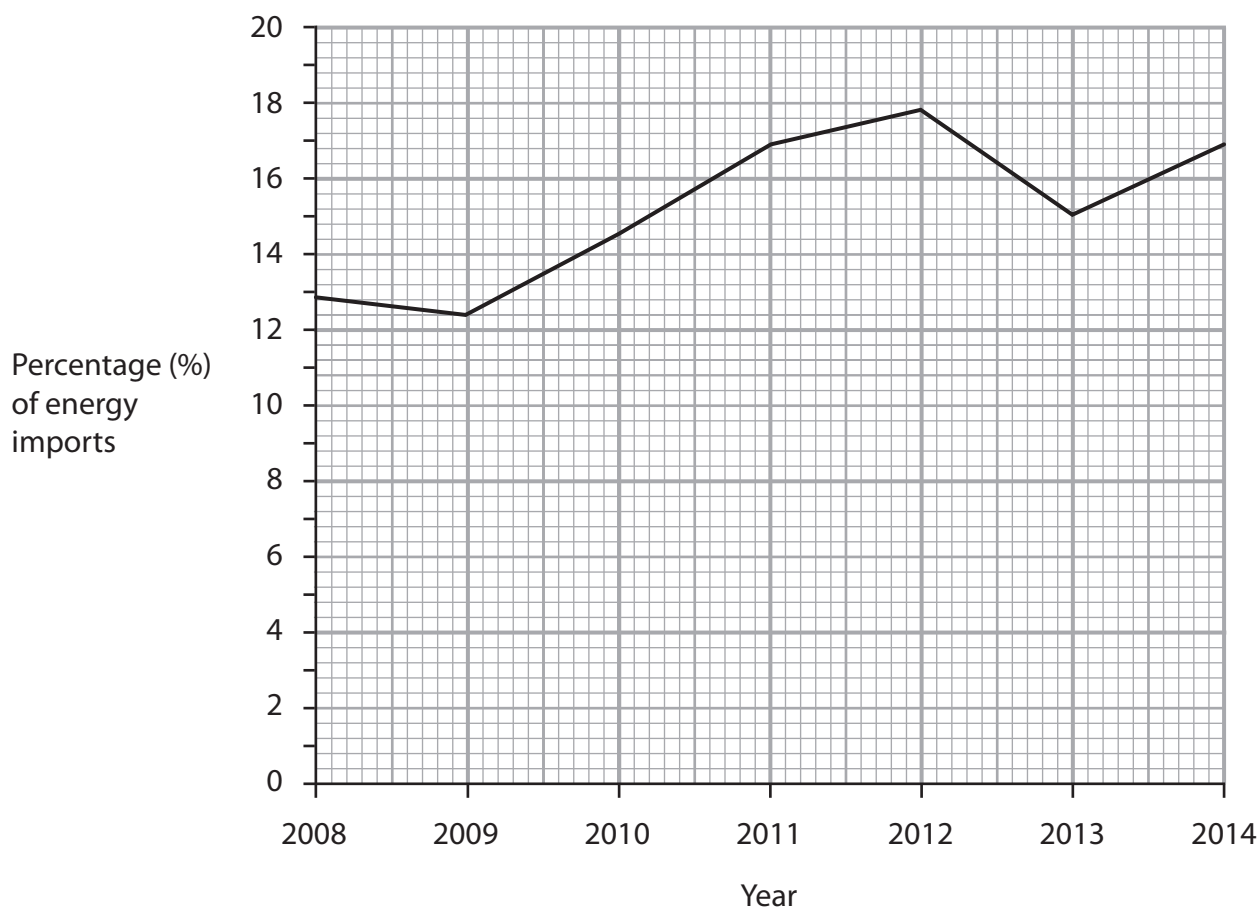


## SECTION B

### The human environment

You should aim to spend no more than 30 minutes on this section.

- 2 (a) Study Figure 3, which shows energy imported into Bangladesh between 2008 and 2014.



(Source: Data from World Bank <https://data.worldbank.org/indicator/EG.IMP.CON.S.ZS?locations=BD>)

**Figure 3**

- (i) Identify the percentage of energy imports in 2012.

(1)

- ☐ A 12.8
- ☐ B 16.8
- ☐ C 17.8
- ☐ D 18.8



(ii) Name **one** challenge resulting from dependence on imported energy.

(1)

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(b) State **two** factors that affect the distribution of agriculture in Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** reason why quaternary industries are often located in urban areas in Bangladesh.

(3)

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- (d) Study Figure 4, which shows an area being developed into a tea farm in Bangladesh.



(Source: © Happy\_seeker/Alamy Stock Photo)

**Figure 4**

Suggest **two** impacts of primary industry on the physical environment of Bangladesh.

(4)

- 1 .....
- 2 .....

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- (6)

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[illegible]

(f) Assess the importance of education for increasing agricultural production in Bangladesh.

(8)

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(Total for Question 2 = 25 marks)

**TOTAL FOR SECTION B = 25 MARKS**



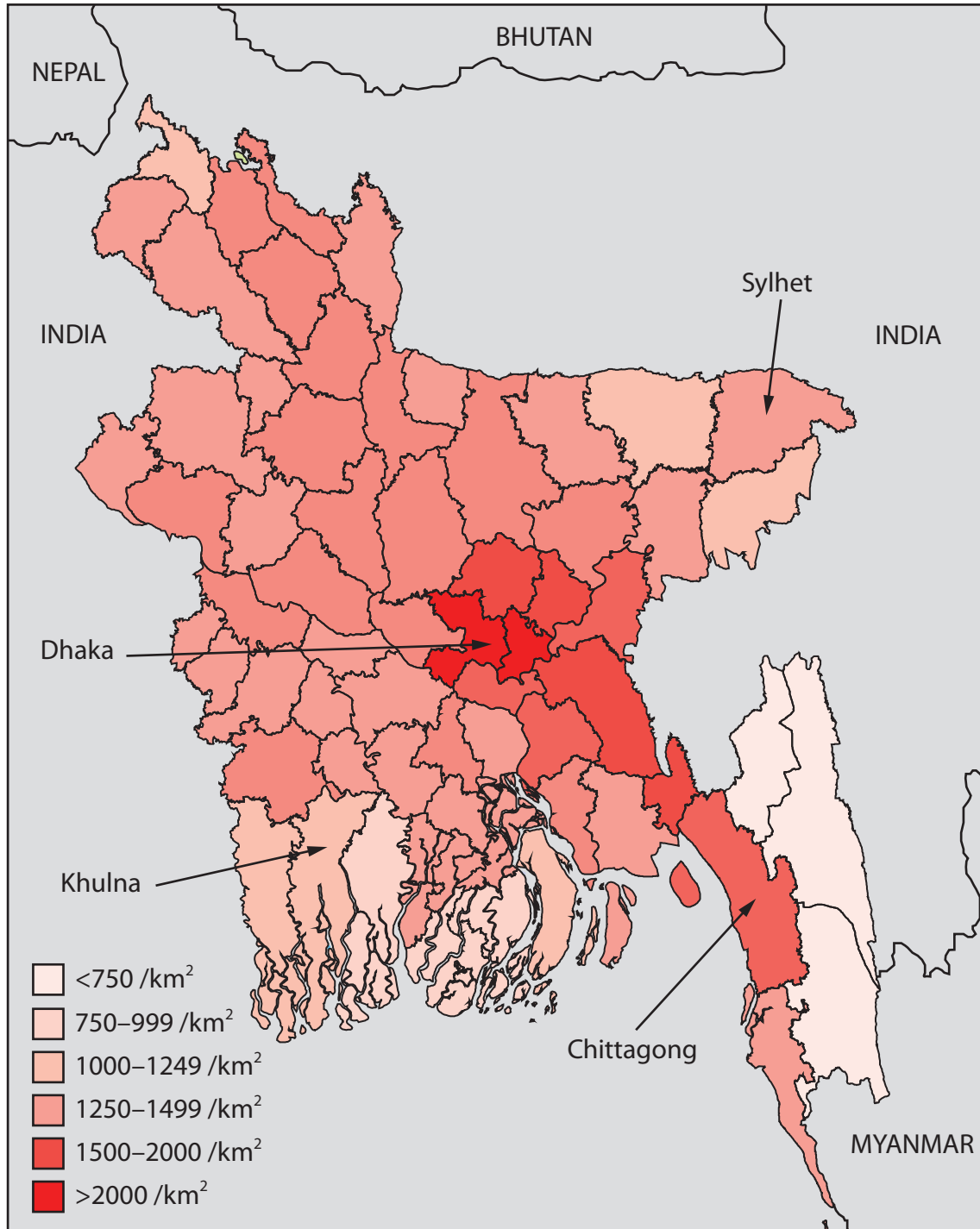
## SECTION C

### Challenges for Bangladesh

Write your answers in the spaces provided.

You should aim to spend no more than 30 minutes on this section.

- 3 (a) Study Figure 5, which shows a population density map of Bangladesh.



(Source: [https://en.wikipedia.org/wiki/Demographics\\_of\\_Bangladesh#/media/File:Bangladesh\\_Bev%C3%B6lkerungsdichte\\_2011.svg](https://en.wikipedia.org/wiki/Demographics_of_Bangladesh#/media/File:Bangladesh_Bev%C3%B6lkerungsdichte_2011.svg))

Figure 5



(i) Identify the district with the lowest population density.

(1)

- ☐ A Khulna
- ☐ B Sylhet
- ☐ C Chittagong
- ☐ D Dhaka

(ii) Define the term **population density**.

(1)

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(b) Suggest **one** cause of global warming.

(2)

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(c) Explain **one** strategy used to support rural communities in Bangladesh.

(3)

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(d) Study Figure 6, which shows demographic data for Bangladesh.

| Year | Birth rate<br>(per 1,000 people) | Death rate<br>(per 1,000 people) |
|------|----------------------------------|----------------------------------|
| 1987 | 37.9                             | 11.7                             |
| 1997 | 29.5                             | 7.6                              |
| 2007 | 22.8                             | 6.0                              |
| 2017 | 18.5                             | 5.3                              |

(Source: <https://data.worldbank.org/indicator/SP.DYN.CDRT.IN?locations=BD&start=2000>)

**Figure 6**

Suggest **one** reason for the changes to the birth rate and **one different** reason for the changes to the death rate in Bangladesh.

(4)

Birth rate

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Death rate

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(e) Explain the impact of climate change on the people of Bangladesh.

(6)

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- (f) Evaluate the extent to which the rapid growth of Dhaka has created opportunities for people in Bangladesh.

(8)

(Total for Question 3 = 25 marks)

**TOTAL FOR SECTION C = 25 MARKS**  
**TOTAL FOR PAPER = 75 MARKS**

