Please check the examination details below before entering your candidate information

Candidate surname	Other names

Pearson Edexcel International GCSE

Centre Number | Candidate Number

Time 1 hour 30 minutes

Paper reference **4BN1/02**

Bangladesh Studies

PAPER 2: The landscape, people and economy of Bangladesh

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 ▶

P66577A

©2021 Pearson Education Ltd.

1/1/1/1

P 6 6 5 7 7 A 0 1 1 6

Pearson

Answer ALL questions.

SECTION A

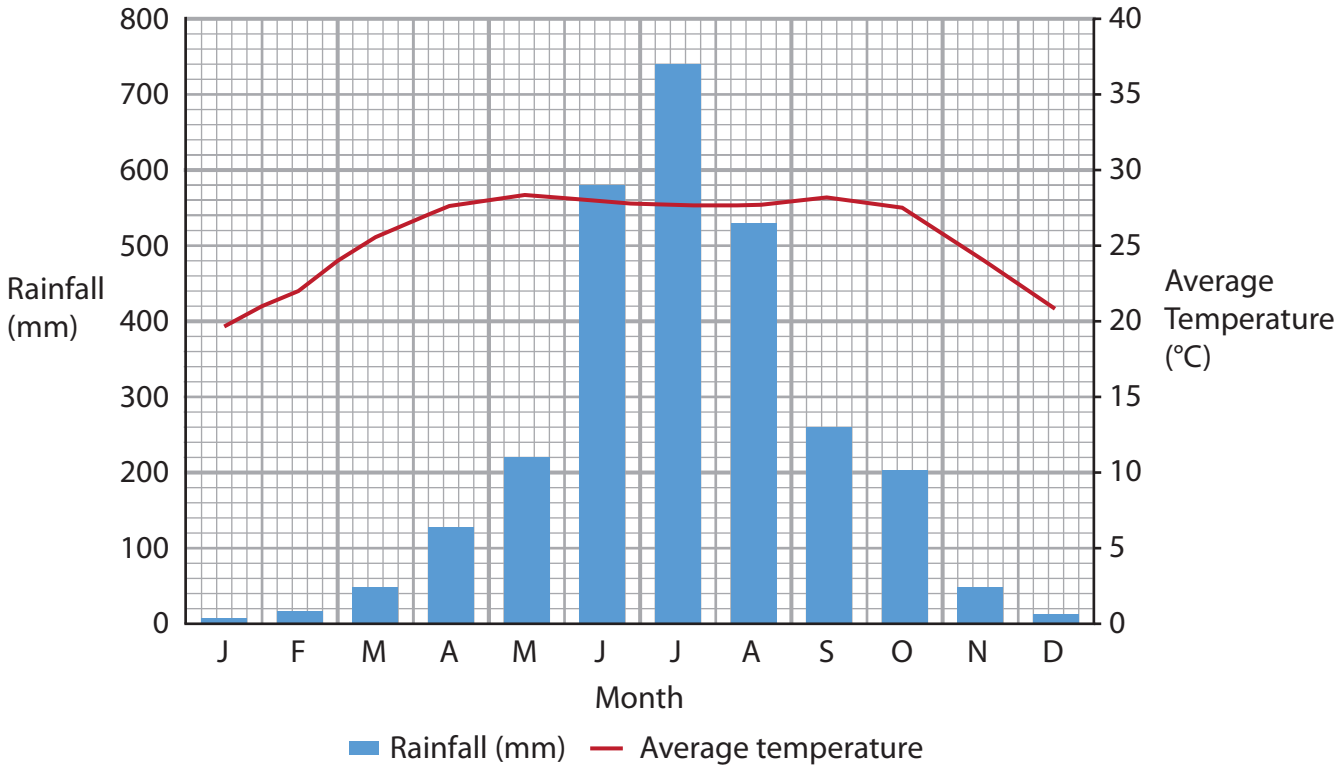
The physical environment

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

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

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

(1)

..... mm

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

(2)

.....

.....

.....

.....

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

(3)

.....

.....

.....

.....

.....

.....

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

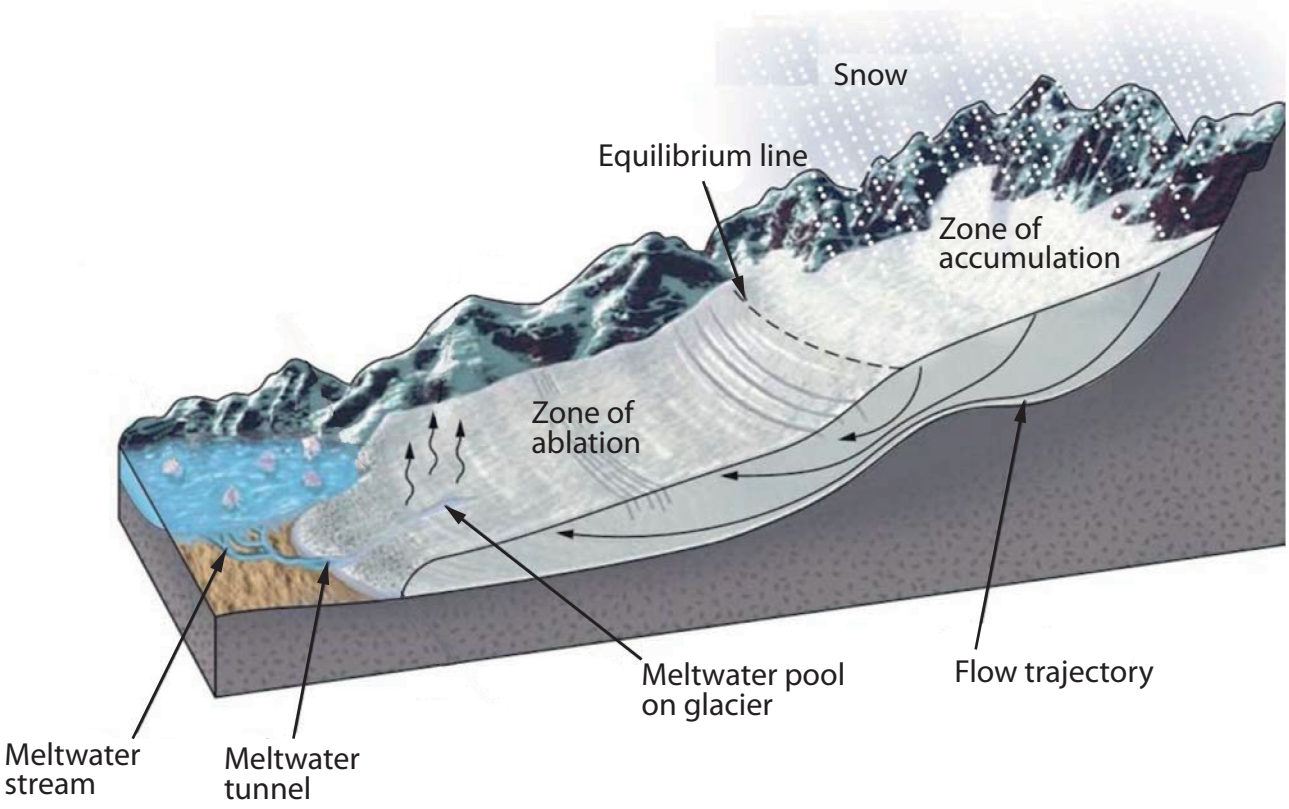


Figure 2

Describe the processes of glacial accumulation and glacial ablation.

(4)

Glacial accumulation

Glacial ablation

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

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

(6)

(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

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

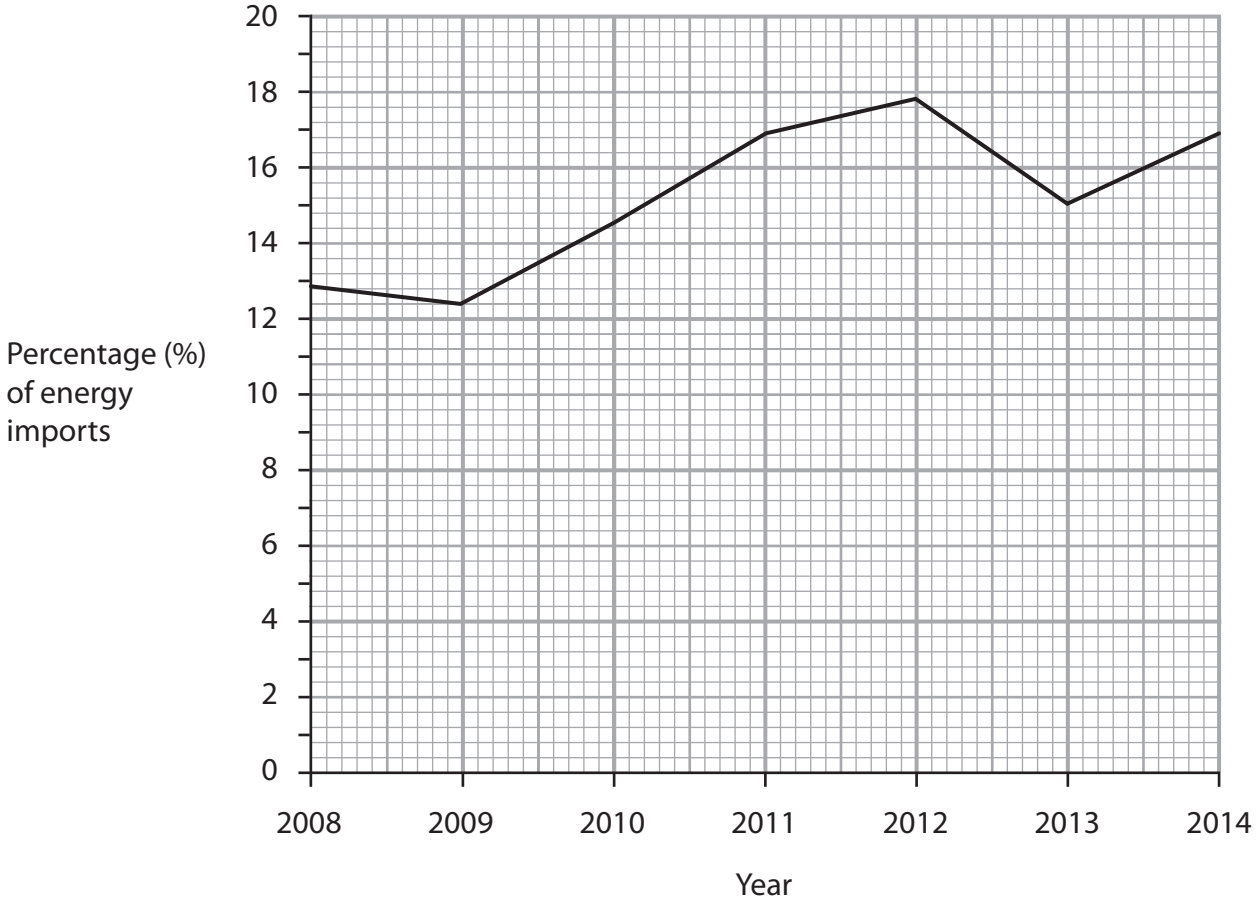
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

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.CONS.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)

.....

(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)

.....

.....

.....

.....

.....

.....

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

(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 .....

.....

.....

.....

(e) Explain the positive and negative impacts of a named transnational corporation (TNC) operating in Bangladesh.

(6)

Named TNC

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

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

(8)

(Total for Question 2 = 25 marks)

TOTAL FOR SECTION B = 25 MARKS

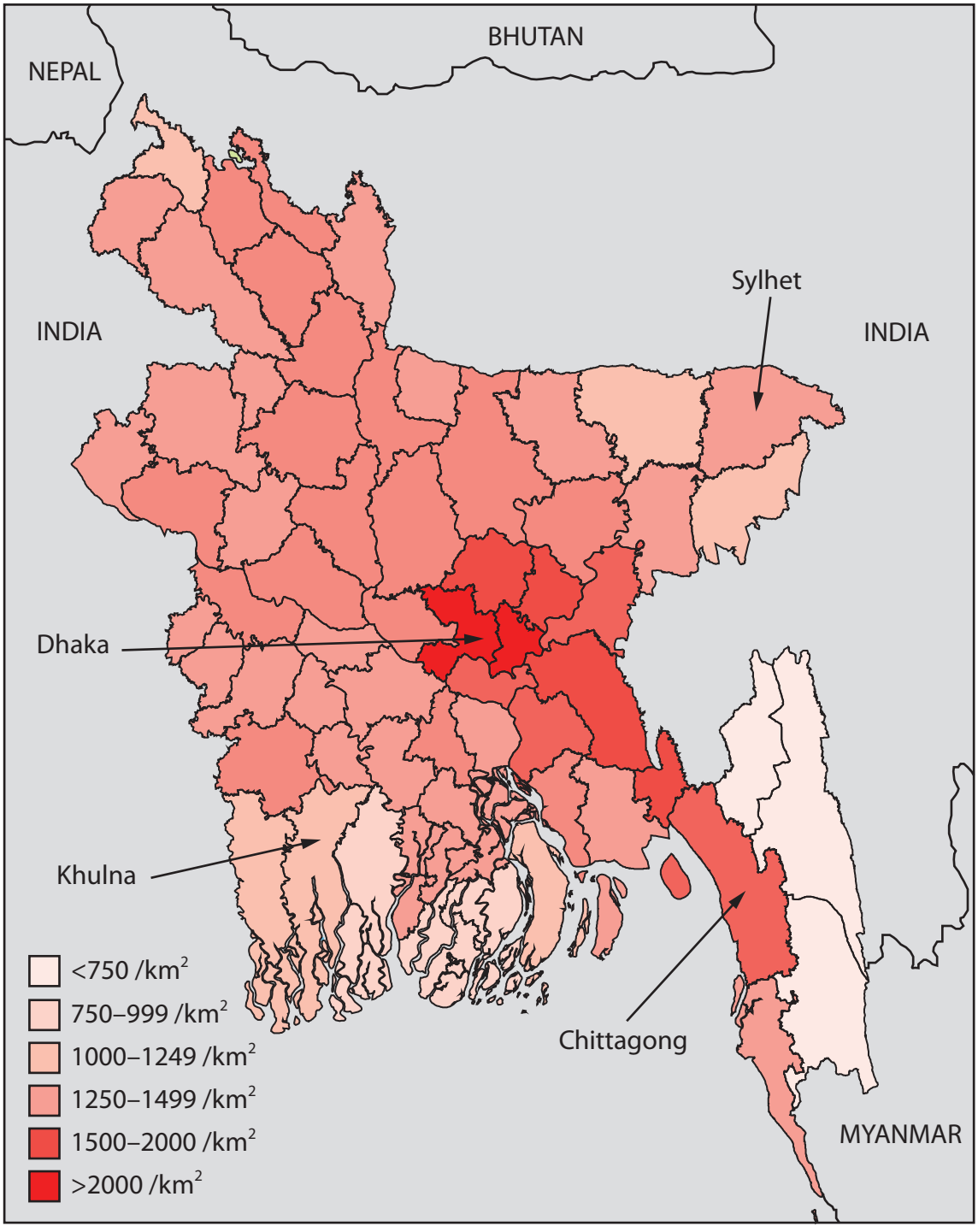
SECTION C

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:Bangladesch_Bev%C3%B6lkerungsdichte_2011.svg)

Figure 5

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

(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)

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

(2)

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

(3)

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

Year	Birth rate (per 1,000 people)	Death rate (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

Death rate

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA

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

(6)

(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

DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA
DO NOT WRITE IN THIS AREA