Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number | Candidate Number

Pearson Edexcel International GCSE

Wednesday 28 May 2025

Morning (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.

Turn over ▶

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Answer ALL questions. Write your answers in the spaces provided.

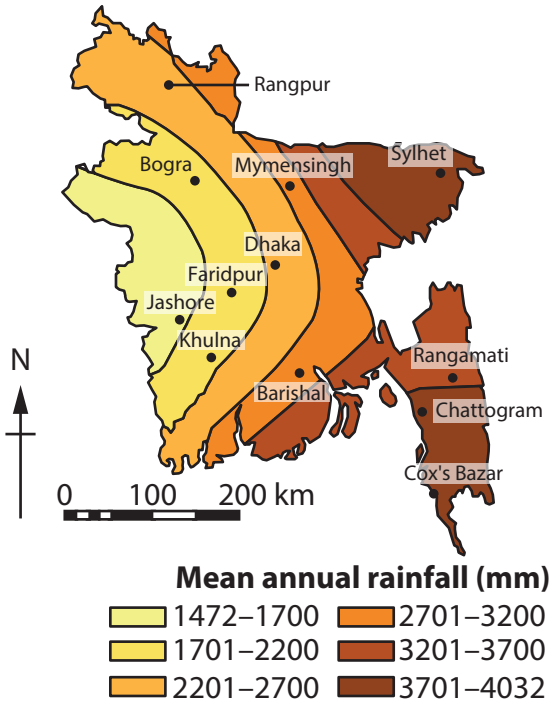
Some questions must be answered with a cross in a box ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

SECTION A

The Physical Environment

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

1 (a) Study Figure 1, which shows the distribution of mean annual rainfall (precipitation) for Bangladesh.



(Source adapted from: https://www.researchgate.net/figure/Spatial-distribution-of-rainfall-in-Bangladesh-and-location-of-rain-gauges_fig1_322368466)

Figure 1

Distribution of mean annual rainfall (precipitation) in Bangladesh

(i) Identify the city with the highest mean annual rainfall (precipitation).

(1)

☒	**A** Bogra
☒	**B** Dhaka
☒	**C** Rangamati
☒	**D** Sylhet

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(ii) State **one** reason for seasonal changes in mean annual rainfall (precipitation) in Bangladesh.

(1)

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(b) Name **two** glacial processes.

(2)

1 .....

2 .....

(c) Explain **one** reason for the distribution of mangrove forests in Bangladesh.

(3)

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(d) Study Figure 2, which shows some natural resources found in Bangladesh.



Water



Coal (mineral)



Fish



Forest products

(Source: Image 1: © vector photo gallery/Shutterstock (ed); Image 2:© ZUMA Press, Inc./ Alamy Stock Photo; Image 3: © AWM Anisuzzaman/Alamy Stock Photo; Image 4: © Joe Loncraine/Alamy Stock Photo)

Figure 2

Natural resources in Bangladesh

Suggest **two** environmental impacts of exploiting **one** named natural resource shown in Figure 2.

(4)

Named natural resource .....

1 .....

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2 .....

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(e) Explain how tectonic processes might affect Bangladesh.

(6)

(f) Assess the benefits of exploiting renewable energy sources in Bangladesh.

(8)

(Total for Question 1 = 25 marks)

TOTAL FOR SECTION A = 25 MARKS

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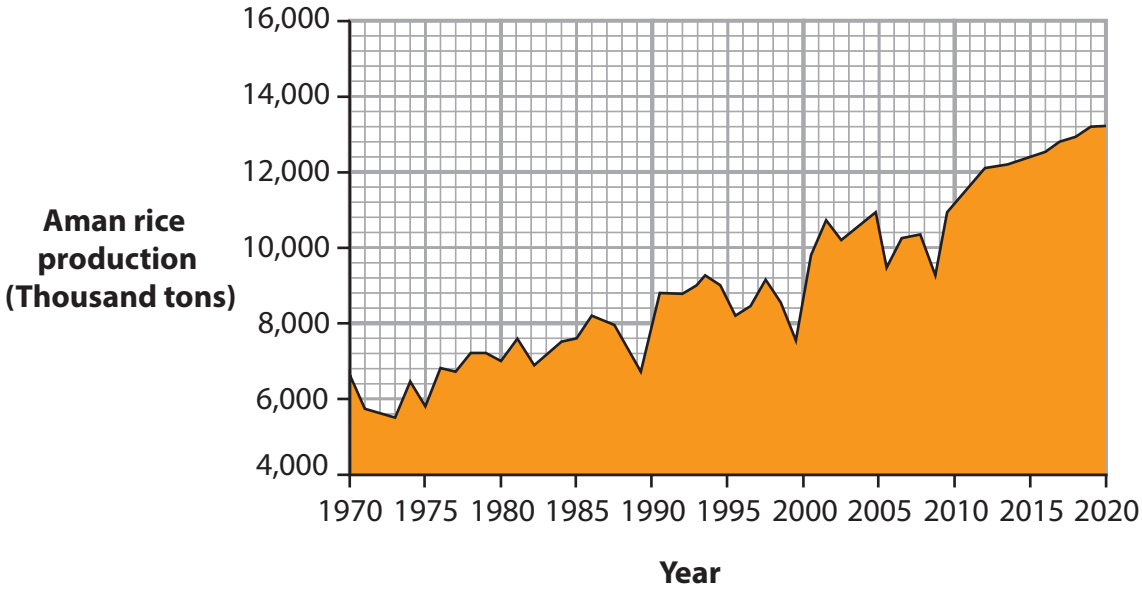
SECTION B

The Human Environment

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

2 (a) Study Figure 3, which shows information about Aman rice production in Bangladesh, 1970–2020.



(Source: http://www.bbs.gov.bd/site/page/3e838eb6-30a2-4709-be85-40484b0c16c6/Yearbook-of-Agricultural-Statistics)

Figure 3

Information about Aman rice production in Bangladesh, 1970–2020

(i) Identify **one** factor that may have caused the changes in Aman rice production shown.

(1)

☒	**A** new airport facilities
☒	**B** new irrigation technology
☒	**C** new hospital facilities
☒	**D** new solar farms

(ii) Name **one other** important agricultural crop produced in Bangladesh.

(1)

.....

(b) State **two** characteristics of rural craft-based (cottage) industries in Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** environmental impact caused by manufacturing (secondary sector) industries in Bangladesh.

(3)

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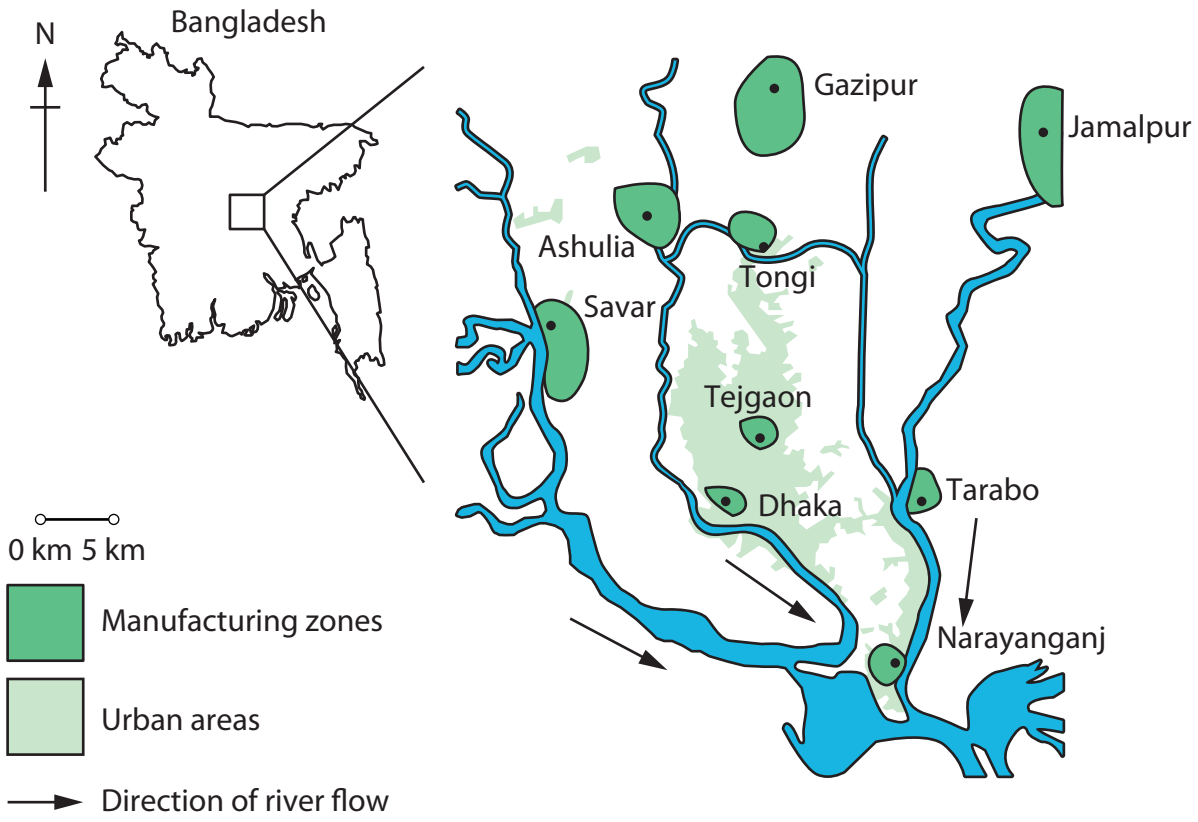
(d) Study Figure 4, which shows the location of manufacturing zones in central Bangladesh.



(Source: https://www.researchgate.net/figure/Location-of-textile-industrial-areas-in-Dhaka-adapted-from-10_fig1_332178174)

Figure 4

Location of manufacturing zones in central Bangladesh

Suggest **two** factors that might have affected the location of manufacturing zones in Bangladesh.

(4)

1 .....

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2 .....

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(e) Explain why gender equality is important for the economic development of Bangladesh.

(6)

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(f) Assess to what extent globalisation has affected Bangladesh.

(8)

(Total for Question 2 = 25 marks)

TOTAL FOR SECTION B = 25 MARKS

SECTION C

Challenges for Bangladesh

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

3 (a) Study Figure 5, which shows GDP (gross domestic product) per capita for Bangladesh, 2001–2021.

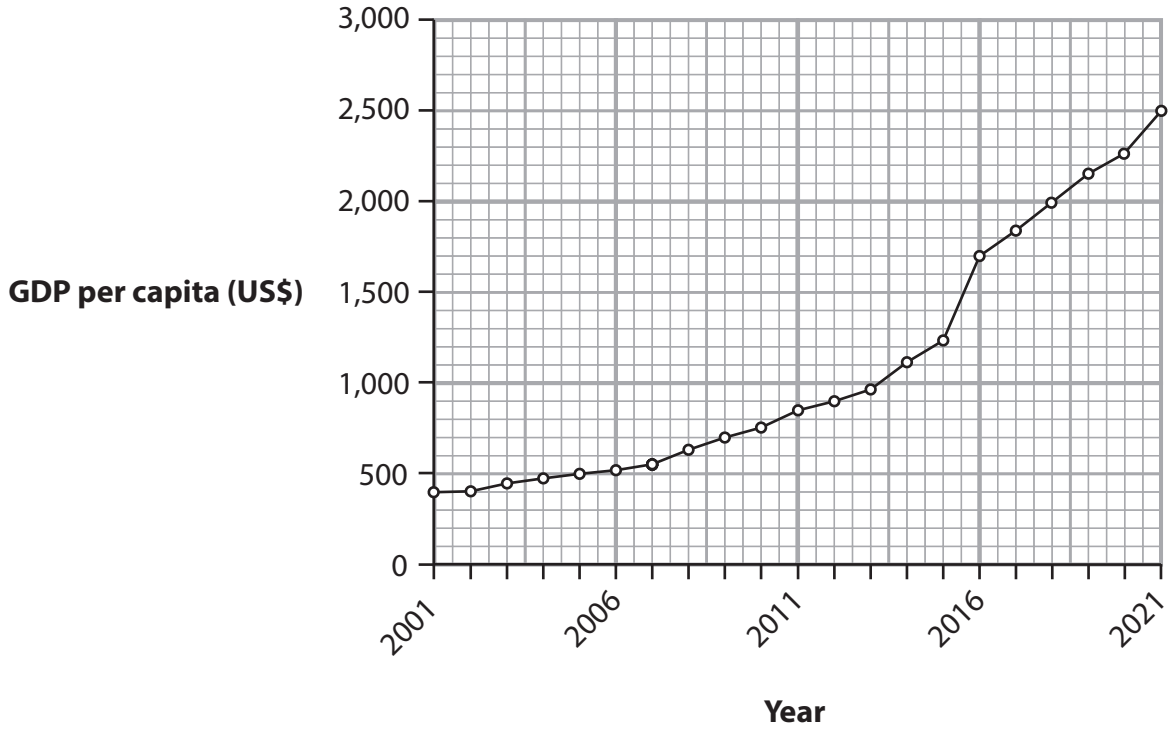

Figure 5

GDP per capita for Bangladesh, 2001–2021

(i) Identify the GDP per capita for Bangladesh in 2018.

(1)

☒	**A** US$ 1,000
☒	**B** US$ 1,500
☒	**C** US$ 2,000
☒	**D** US$ 2,300

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(ii) Calculate the increase in GDP per capita (US$) for Bangladesh between 2001 and 2021.

(1)

.....US$

(b) State **two** factors that have caused life expectancy to increase in Bangladesh.

(2)

1 .....

2 .....

(c) Explain why changes in rural population structure may create challenges for rural communities in Bangladesh.

(3)

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(d) Study Figure 6, which shows information about Dhaka, a megacity in Bangladesh.

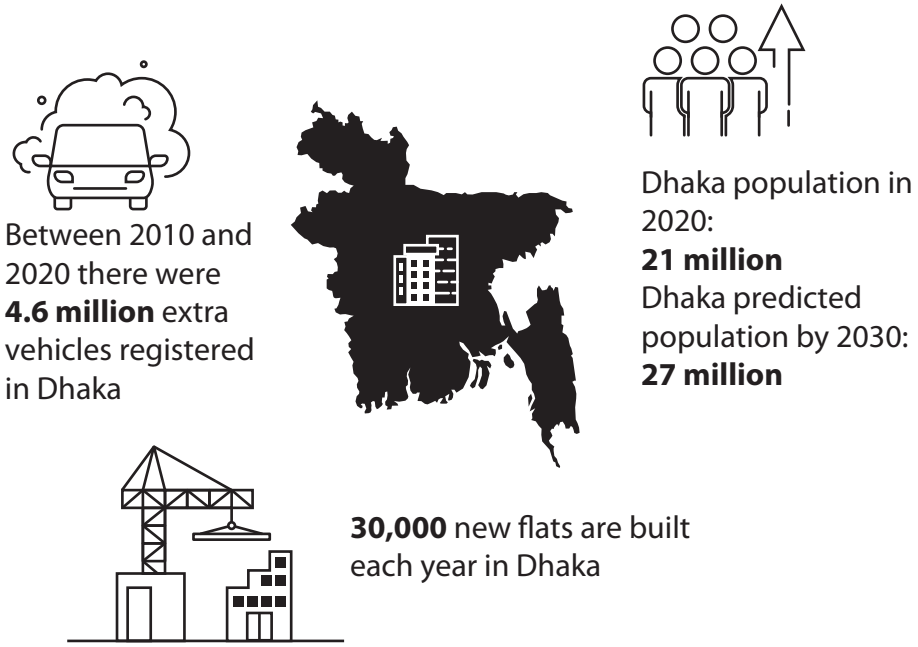

Figure 6

Information about Dhaka, a megacity in Bangladesh

Suggest **two** challenges of living in a megacity such as Dhaka.

(4)

1 .....

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(e) Explain how physical factors affect the population distribution of Bangladesh.

(6)

(f) Evaluate the strategies used to mitigate or adapt to the effects of climate change on Bangladesh.

(8)

(Total for Question 3 = 25 marks)

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

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