GradeMax

Please check the examination details below before entering your candidate information

Candidate surname	Other names

Pearson Edexcel International GCSE

Centre Number | Candidate Number

Friday 15 May 2020

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.

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 map of Bangladesh.

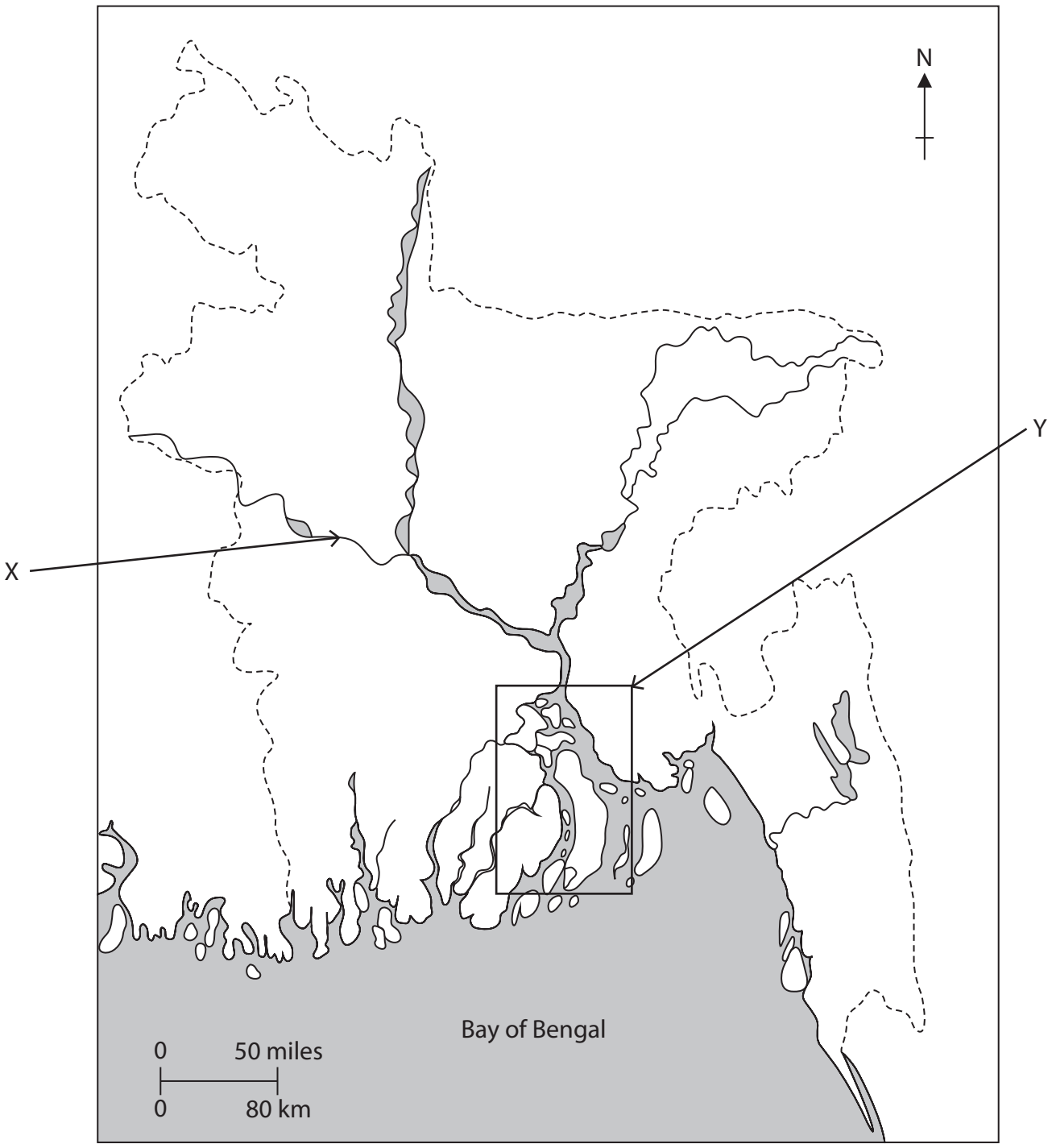


Figure 1

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(i) Identify the river at X.

(1)

☒	**A** Brahmaputra
☒	**B** Padma
☒	**C** Meghna
☒	**D** Titas

(ii) State **one** feature of the river delta at Y.

(1)

.....

(b) State **two** characteristics of mangrove ecosystems.

(2)

1 .....

.....

2 .....

.....

(c) Explain **one** cause of coastal flooding in Bangladesh.

(3)

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(d) Study Figure 2, which indicates selected impacts of earthquakes.

Primary impacts	Secondary impacts
Buildings collapsing	Fires
Transport links damaged	Tsunami
People killed	Disease

Figure 2

Describe how agencies working in Bangladesh can respond to **one** primary and **one** secondary impact caused by earthquakes.

(4)

Primary

Secondary

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(e) Explain the benefits of exploiting **one** named renewable energy resource in Bangladesh.

(6)

Named renewable energy resource .....

(f) Evaluate how effective government responses have been to tropical cyclones in Bangladesh.

(8)

(Total for Question 1 = 25 marks)

TOTAL FOR SECTION A = 25 MARKS

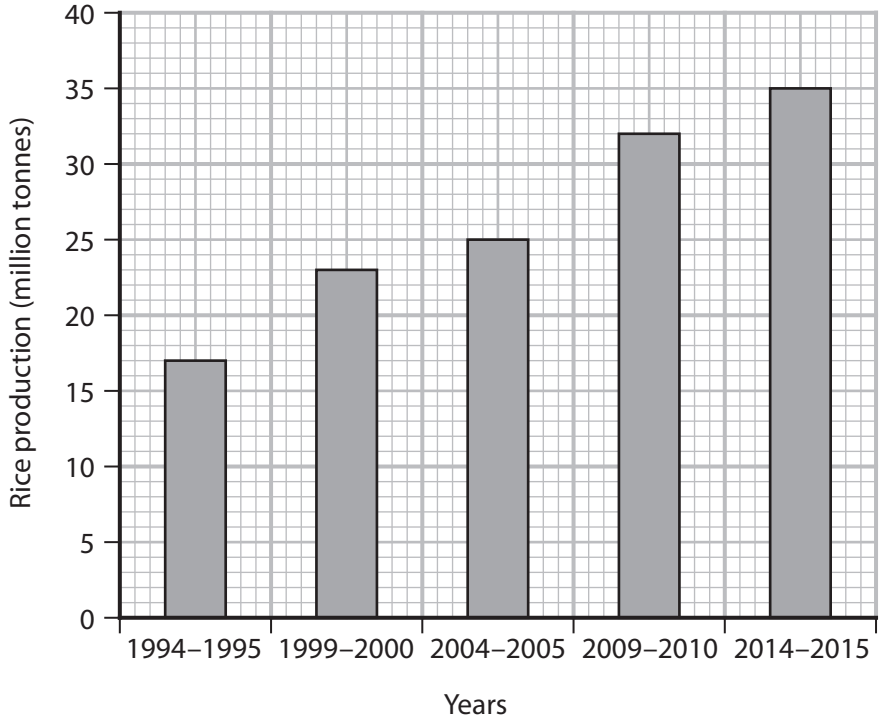
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SECTION B: The Human Environment

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

2 (a) Study Figure 3, which shows rice production in Bangladesh between 1994 and 2015.



(Source: Open Data Bangladesh http://data.gov.bd)

Figure 3

(i) Identify the amount of rice produced in 2004–2005.

(1)

☒	**A** 17 million tonnes
☒	**B** 23 million tonnes
☒	**C** 25 million tonnes
☒	**D** 35 million tonnes

(ii) Calculate the difference in the amount of rice produced between 1999-2000 and 2014-2015.

(1)

..... million tonnes

(b) Name **two** manufacturing industries that are important for the economy of Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** way regional disparities affect the economic development of Bangladesh.

(3)

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(d) Study Figure 4, which shows farming practices in a rural area in Bangladesh.



(Source: ©Julio Etchart / Alamy Stock Photo)

Figure 4

Suggest **two** ways agricultural production has been increased in Bangladesh.

(4)

1 .....

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2 .....

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(e) Explain how industries in the secondary sector in Bangladesh are having an impact on the physical environment.

(6)

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(f) Assess the success of the management of food security in Bangladesh.

(8)

(Total for Question 2 = 25 marks)

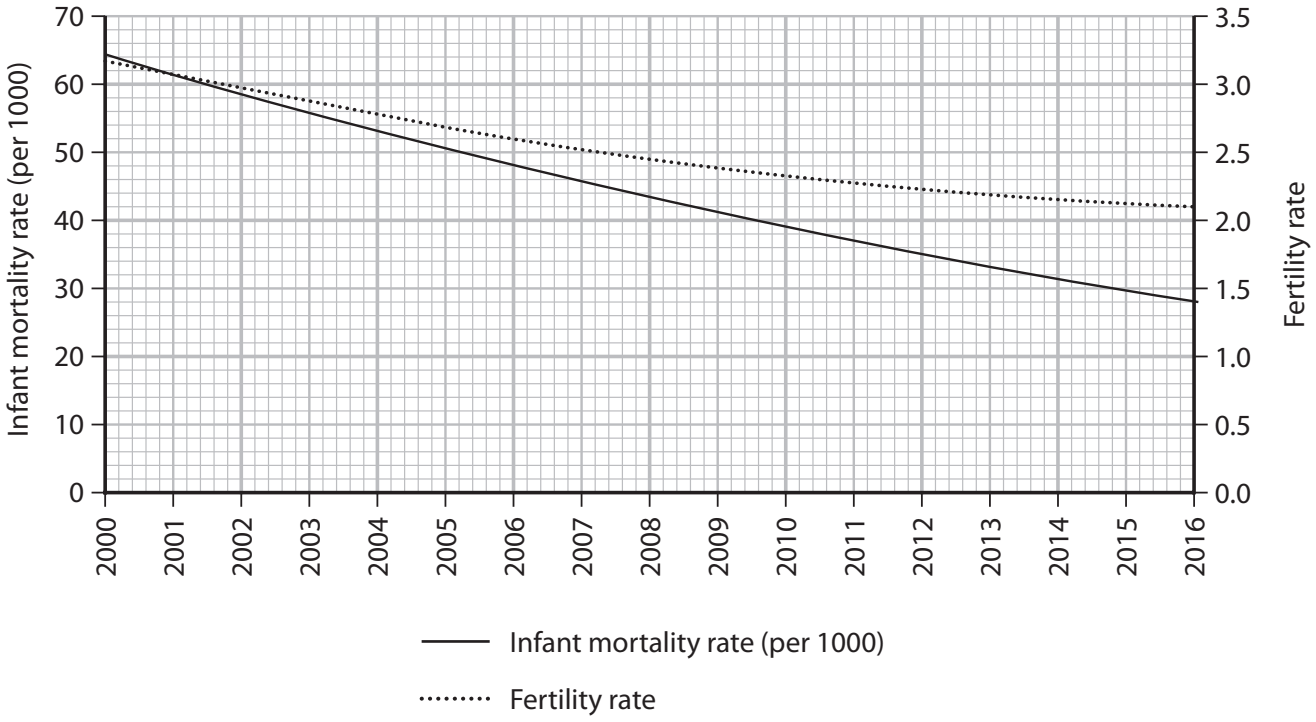
TOTAL FOR SECTION B = 25 MARKS

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 infant mortality rates and fertility rates in Bangladesh from 2000 to 2016.



(Source: https://data.worldbank.org/)

Figure 5

(i) Identify the infant mortality rate in 2006.

(1)

☒	**A** 39 per 1000
☒	**B** 48 per 1000
☒	**C** 58 per 1000
☒	**D** 64 per 1000

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(ii) Define the meaning of the term **fertility rate**.

(1)

.....

.....

(iii) Suggest **two** factors that influence the trends shown in Figure 5.

(2)

1 .....

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2 .....

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(b) Explain **one** reason why remittances are important for the rural population of Bangladesh.

(3)

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(c) Study Figure 6, which shows the actual and projected population of Dhaka for selected years between 1990 and 2020.

Year	Population (million)
1990	6.62
1995	8.33
2000	10.28
2005	12.33
2010	14.73
2015	17.59
2020 (projected)	21.00

(Source: https://population.un.org/wup/Download/)

Figure 6

Suggest **two** challenges caused by the rate of population growth in Dhaka.

(4)

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2 .....

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(d) Explain how non-governmental organisations (NGOs) are attempting to improve the conditions of people living in urban areas in Bangladesh.

(6)

(e) Evaluate the importance of local actions being used to adapt to the challenges of climate change.

(8)

(Total for Question 3 = 25 marks)

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

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