Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number | Candidate Number

Pearson Edexcel International GCSE

Wednesday 31 May 2023

Afternoon (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.*
- Calculators may be used.

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 a diagram of a tropical cyclone.

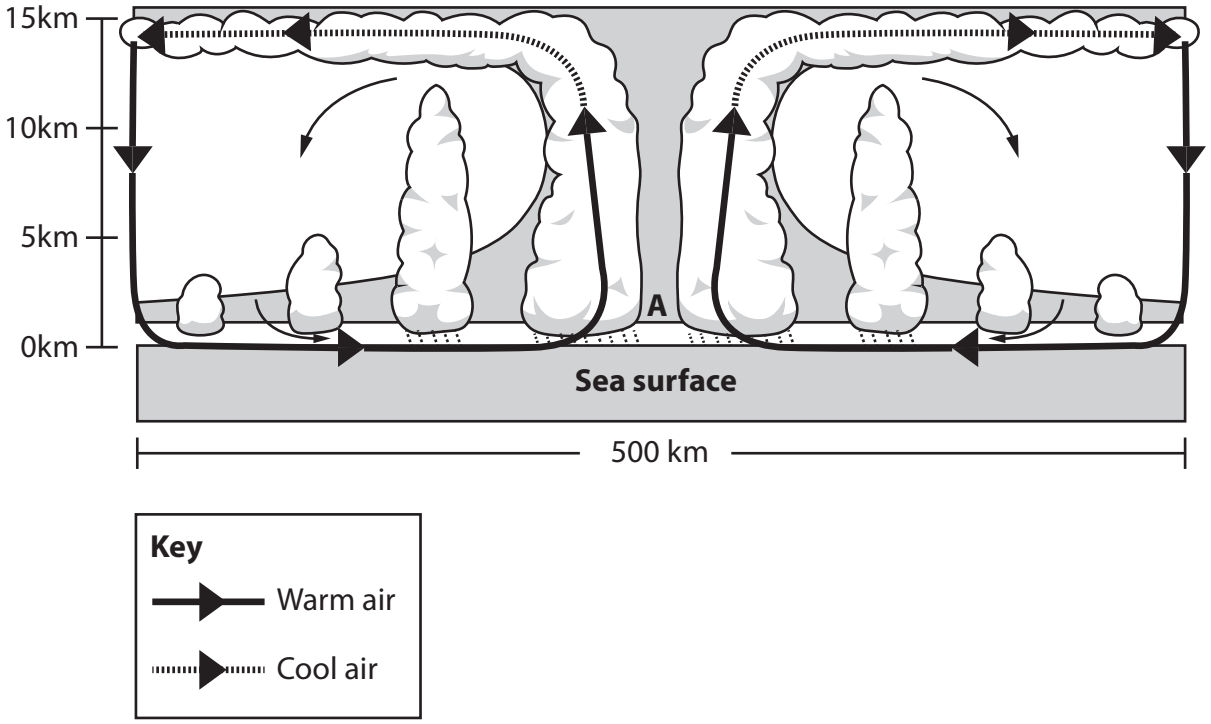

Figure 1

A diagram of a tropical cyclone

(i) Identify the feature labelled **A**.

(1)

☒	**A** clouds
☒	**B** eye
☒	**C** fast moving winds
☒	**D** rain band

(ii) State **one** factor that can result in the formation of a tropical cyclone.

(1)

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(b) State **two** primary impacts of earthquakes in Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** cause of the formation of the Ganges delta.

(3)

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(d) Study Figure 2, which shows illegal mangrove wood collection in the Sundarbans mangrove forest in Bangladesh.



(Source: Images & Stories / Alamy Stock Photo)

Figure 2

Illegal mangrove wood collection in the Sundarbans

Suggest **two** environmental impacts of exploiting mangrove forests.

(4)

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(e) Explain how international agencies have responded to flood events in Bangladesh.

(6)

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(f) Assess why expanding the use of renewable energy resources is more important than expanding non-renewable energy resources 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 the top four sources and values of remittances sent to Bangladesh in 2019.

Country	Value (Bangladeshi taka ৳ million)
Saudi Arabia	BDT 344,700
UAE	BDT 212,300
Oman	BDT 106,500
Qatar	BDT 87,500

Figure 3

Information on sources and values of remittances sent to Bangladesh in 2019

(i) Identify the total value of remittances sent to Bangladesh in 2019.

(1)

☒	**A** ৳ 601,000 million
☒	**B** ৳ 651,000 million
☒	**C** ৳ 751,000 million
☒	**D** ৳ 801,000 million

(ii) Define the term **remittances**.

(1)

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(b) State **two** reasons why people work in informal services in Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** challenge facing the railway transport system in Bangladesh.

(3)

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(d) Study Figure 4, which shows information about the components of food security.

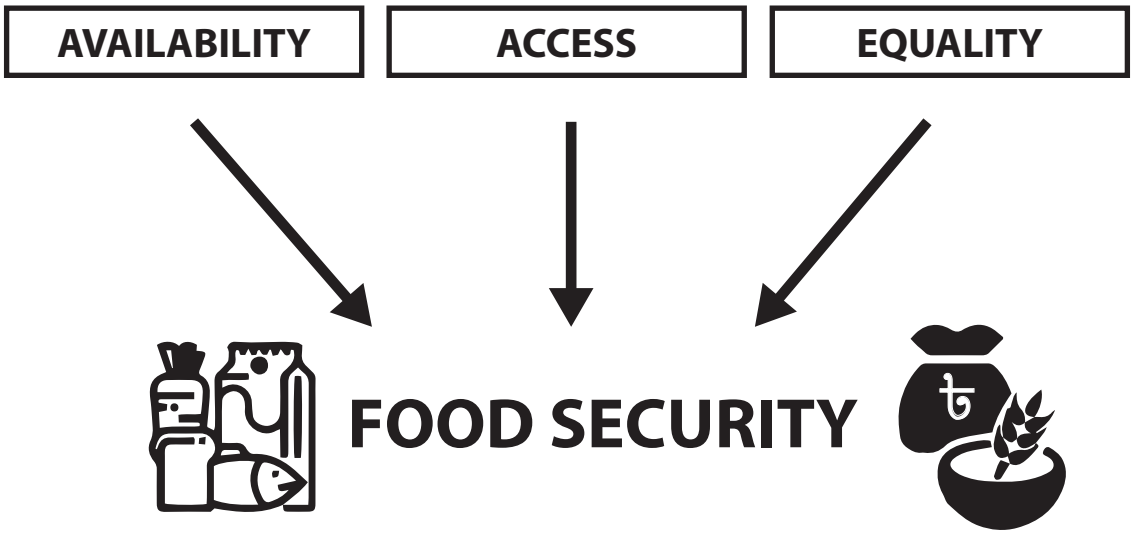

Figure 4

Components of food security

Suggest **two** ways that food security can be improved in Bangladesh.

(4)

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(e) Explain how secondary sector industries affect the environment of Bangladesh.

(6)

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(f) Assess the importance of improvements in communication technology for the economic development of 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 trends in demographic data for Bangladesh from 2004 to 2018.

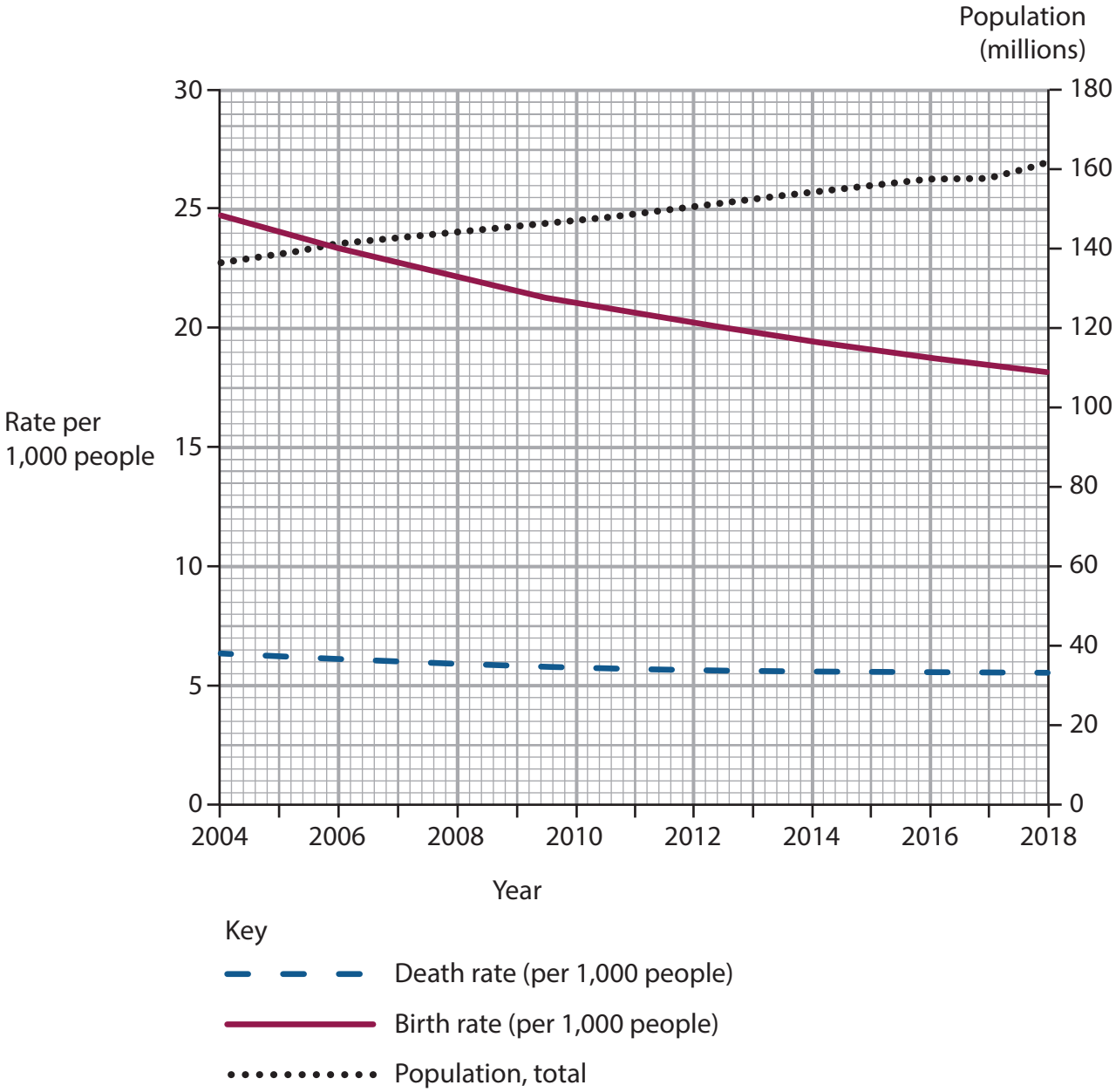

Figure 5

Demographic data for Bangladesh, 2004–2018

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(i) Identify the birth rate for Bangladesh in 2010.

(1)

☒	**A** 6 per 1,000 people
☒	**B** 11 per 1,000 people
☒	**C** 21 per 1,000 people
☒	**D** 150 per 1,000 people

(ii) Define the term **natural increase**.

(1)

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(b) State **two** ways of measuring the development of Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** way the government supports rural communities in Bangladesh.

(3)

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(d) Study Figure 6, which shows the population structure for Bangladesh in 1990 and 2020.

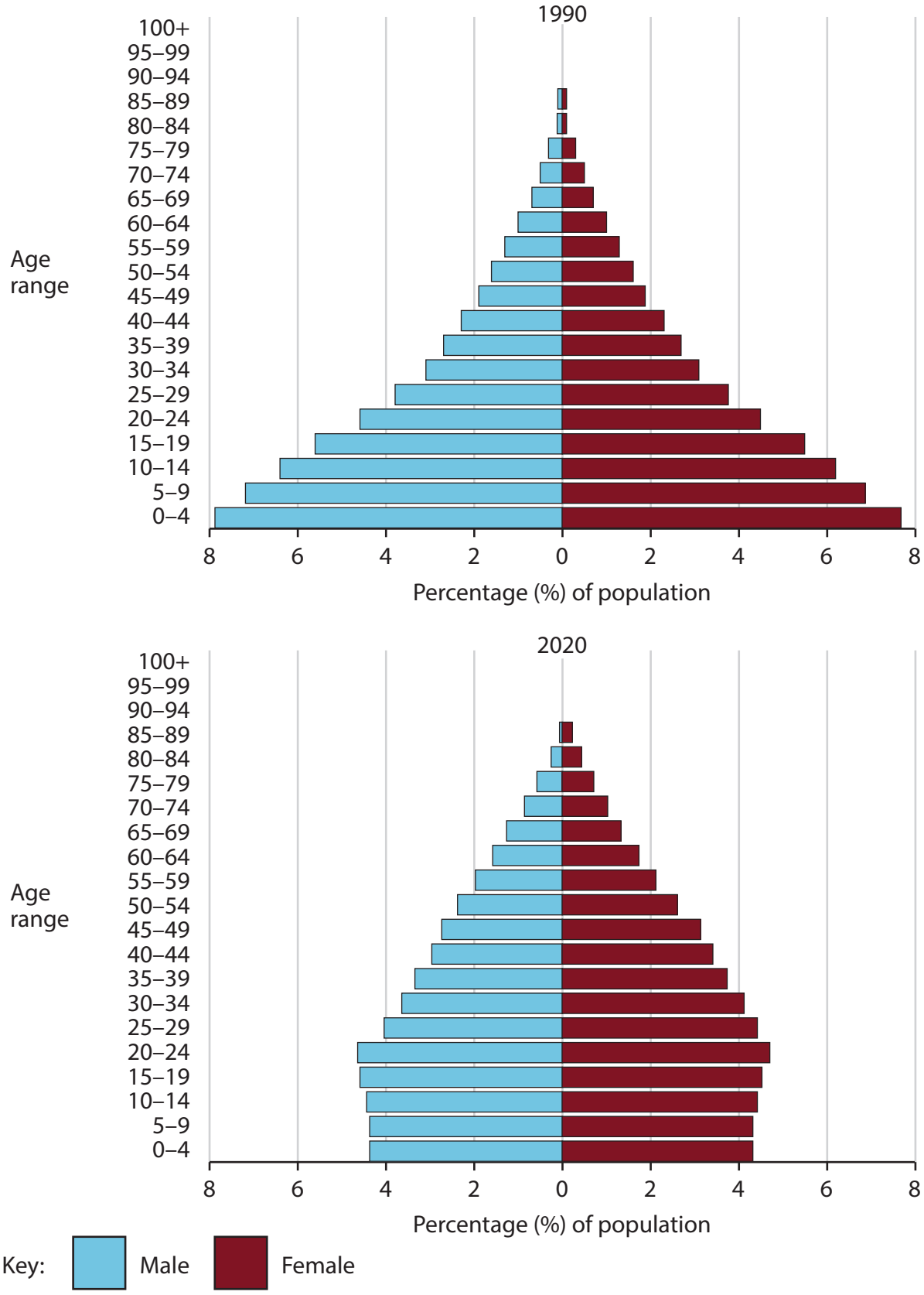

Figure 6

Population structure of Bangladesh in 1990 and 2020

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Suggest **two** reasons for the changes in the population structure of Bangladesh between 1990 and 2020.

(4)

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(e) Explain how human activity in Bangladesh contributes to climate change.

(6)

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(f) Evaluate the success of bottom-up strategies in improving the lives of people living in cities in Bangladesh.

(8)

(Total for Question 3 = 25 marks)

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

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Pearson Education Ltd. gratefully acknowledges all the following sources used in the preparation of this paper:

Figure 1 – Source from: www.international.gc.ca/cil-cai/assets/images/cil-cai/images/maps-cartes/eng/bd.gif
Figure 3 – Source from: https://www.worldbank.org/en/topic/migrationremittancesdiasporaissues/brief/migration-remittances-data
Figure 5 – Source from: https://databank.worldbank.org/databases/demographics
Figure 6 – Source from: United States Census Bureau (https://www.census.gov)