Please check the examination details below before entering your candidate information

Candidate surname	Other names

Centre Number | Candidate Number

Pearson Edexcel International GCSE

Thursday 6 June 2024

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 location of gas fields in Bangladesh.



(Source: https://www.researchgate.net/figure/Gas-Fields-in-Bangladesh-Modified-after-17-33_fig1_326450347)

Figure 1

Map of gas fields in Bangladesh

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(i) Identify the region with the highest number of gas fields.

(1)

☒	**A** North East
☒	**B** North West
☒	**C** South East
☒	**D** South West

(ii) Identify **one** other natural resource that is exploited in Bangladesh.

(1)

.....

(b) State **two** characteristics of the tropical savanna climatic zone in Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** characteristic of floodplains, such as the Meghna floodplain.

(3)

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(d) Study Figure 2, which shows information about tropical cyclone Roanu.

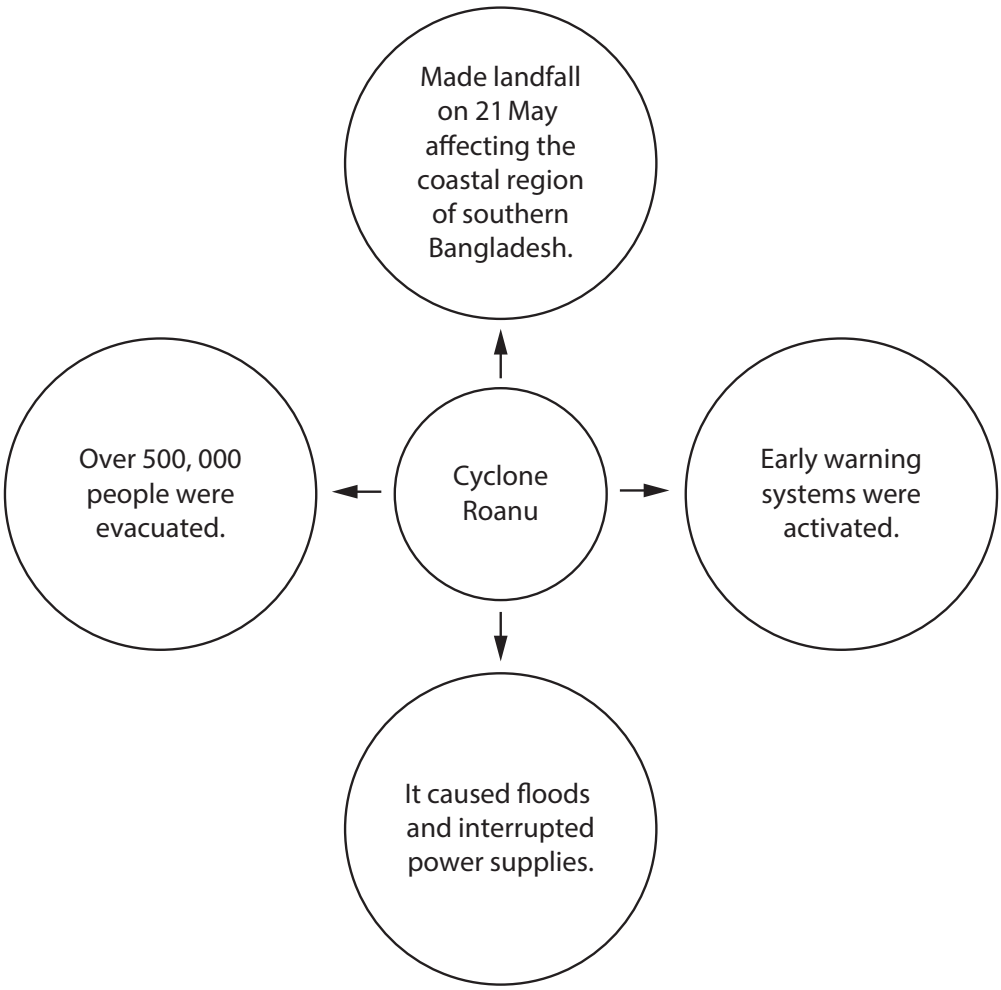

Figure 2

Information about Cyclone Roanu, 2016

Suggest **two** ways individuals can respond to tropical cyclones.

(4)

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(e) Explain how non-renewable energy sources are being exploited in Bangladesh.

(6)

(f) Assess the extent that coastal flooding in Bangladesh is caused by physical factors.

(8)

(Total for Question 1 = 25 marks)

TOTAL FOR SECTION A = 25 MARKS

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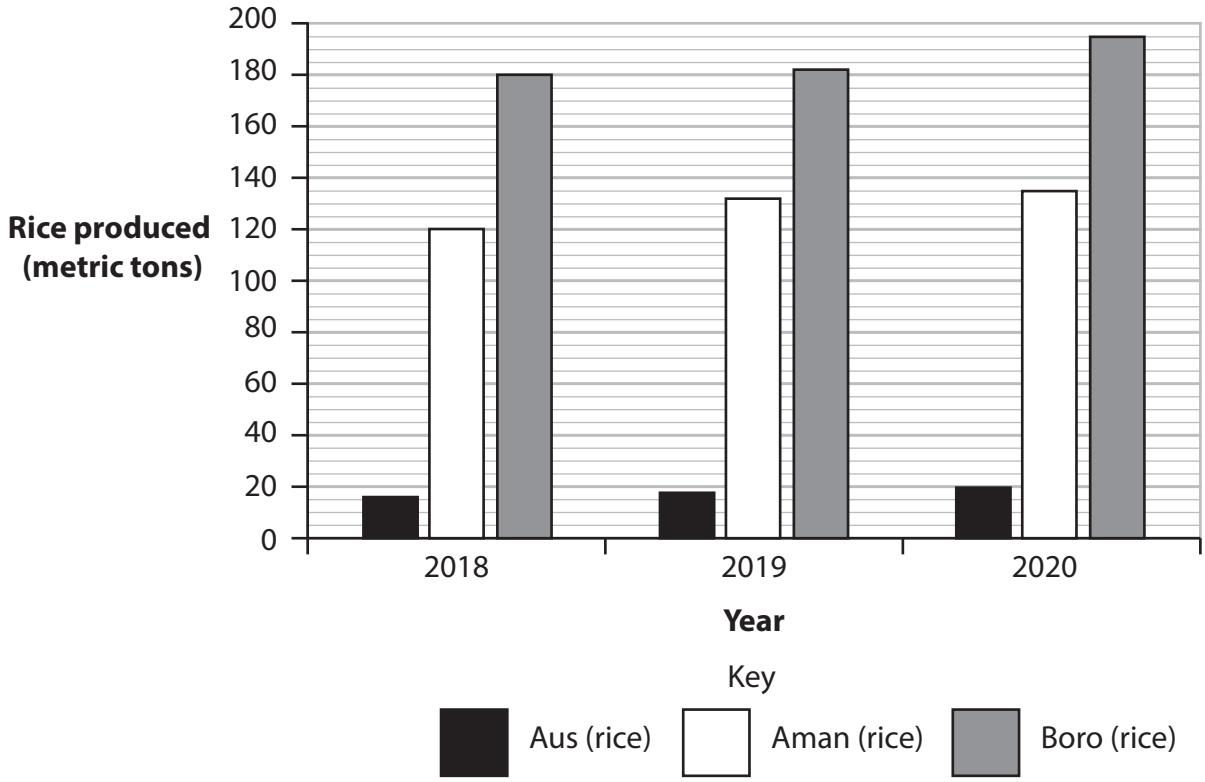
SECTION B

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 three types of rice produced in Bangladesh.



(Source: www.data.gov.bd/group/agriculture)

Figure 3

Three types of rice (Aus, Aman and Boro) produced in Bangladesh 2018–2020

(i) Identify the amount of Aman rice produced in 2018.

(1)

☒	**A** 20 metric tons
☒	**B** 90 metric tons
☒	**C** 120 metric tons
☒	**D** 190 metric tons

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(ii) Calculate the total amount of rice produced in 2020 in metric tons.

(1)

.....metric tons

(b) State **two** ways to increase agricultural production in Bangladesh.

(2)

1 .....

2 .....

(c) Explain **one** impact of globalisation on Bangladesh.

(3)

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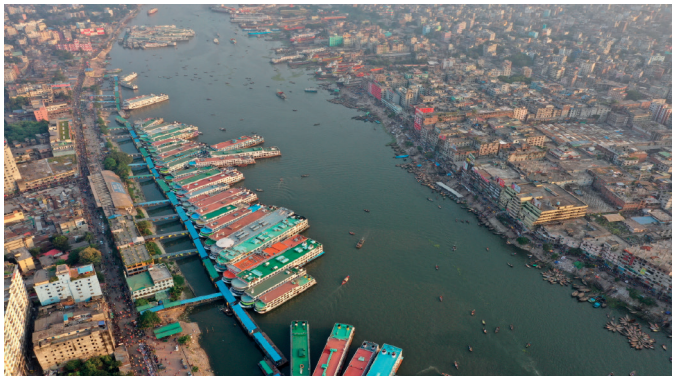
(d) Study Figure 4, which shows four locations in Dhaka where tertiary sector employment occurs.



(Source © Lumenite/ Shutterstock)



(Source ©Sk Hasan Ali/Shutterstock (Ed))



(Source © Dmitry Chulov/ Shutterstock (Ed))



(Source ©Mamunur Rashid/Shutterstock)

Figure 4

Four locations in Dhaka where tertiary sector employment takes place

Suggest **two** factors that affect the location of tertiary sector employment in Bangladesh.

(4)

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(e) Explain why the development of Bangladesh may be affected by its transport systems.

(6)

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(f) Assess the importance of remittances for economic stability in Bangladesh.

(8)

(Total for Question 2 = 25 marks)

TOTAL FOR SECTION B = 25 MARKS

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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 two factors that contribute to the Human Development Index (HDI).

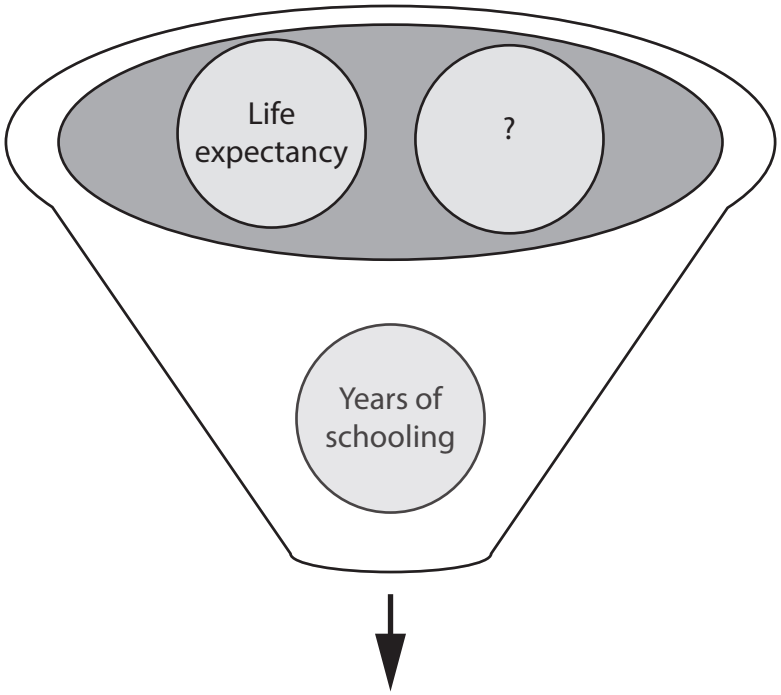

Figure 5

Human Development Index (HDI) factors

(i) Identify **one** other factor that contributes to the Human Development Index.

(1)

☒	**A** Infrastructure investment rate
☒	**B** Urbanisation rate
☒	**C** Remittance income
☒	**D** Per capita income

(ii) Define the term **life expectancy**.

(1)

.....

.....

(iii) State **two** factors that are causing birth rates to decline in Bangladesh.

(2)

1 .....

2 .....

(b) Explain **one** challenge created by rapid population growth in cities in Bangladesh.

(3)

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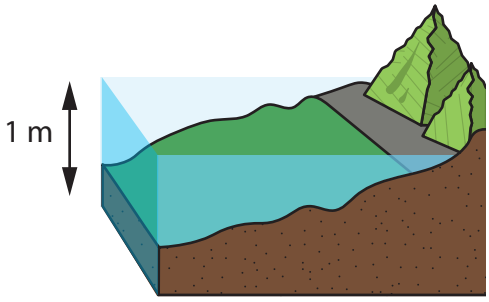
(c) Study Figure 6 which shows information about some potential impacts of climate change on Bangladesh.

Changed rainfall patterns will lead to changes in river flows. Additionally, sea levels will rise.



Sea level will rise by at least 1 metre and could rise several metres more in the future.

Flooding will be deeper, more widespread, and will affect millions more people, especially the poor.



Rivers will flow exceptionally higher in summers, yet lower in winters.

Groundwater stress will be higher.

(Source: https://blogs.worldbank.org/endpovertyinsouthasia/risks-bangladesh-hotter-world-painting-picture-science)

Figure 6

Potential impacts of climate change on Bangladesh

Suggest **two** potential impacts of climate change on the economy of Bangladesh.

(4)

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(d) Explain why education is a challenge for rural populations in Bangladesh.

(6)

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(e) Evaluate the influence of human factors on the population distribution of Bangladesh.

(8)

(Total for Question 3 = 25 marks)

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

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