Pearson Edexcel International GCSE (9–1)

Thursday 15 June 2023

Morning (Time: 1 hour 30 minutes)

Paper reference **4PA1/02**

Pakistan Studies

PAPER 2: The landscape, people and economy of Pakistan

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 ▶

Pearson

Answer ALL questions.

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

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 region of the Himalayan mountains.

(Source: © khlongwangchao/Shutterstock)

Figure 1

A region in the Himalayan mountains

(i) Identify which process caused the formation of the Himalayan mountains.

(1)

☒	**A** climatic
☒	**B** marine
☒	**C** river
☒	**D** tectonic

(ii) Name **one** natural resource that is found in the Himalayan mountains.

(1)

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(b) Name **two** of Pakistan's climatic zones.

(2)

1 ....

2 ....

(c) Explain **one** cause of the Western Disturbances.

(3)

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P 7 2 6 1 0 R A 0 3 1 6

(d) Study Figure 2 which shows the levels of earthquake damage in Pakistan.
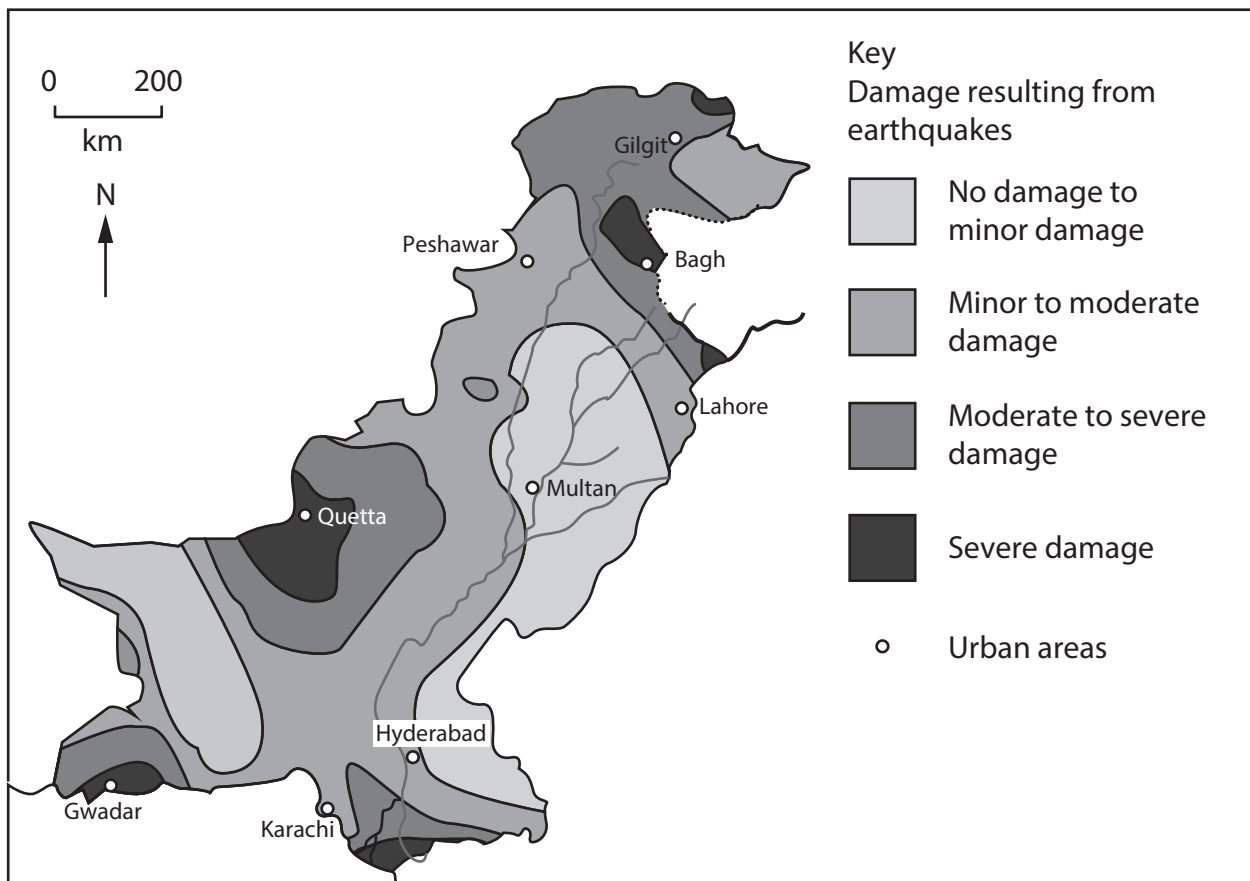
Figure 2

Levels of earthquake damage in Pakistan

Suggest **two** reasons why earthquakes cause many people to become homeless in Pakistan.

(4)

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2 ....

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(e) Explain the formation of tropical cyclones.

You may use the space below if you wish to provide a diagram to help your explanation.

(6)

P 7 2 6 1 0 R A 0 5 1 6

(f) Evaluate the environmental impacts caused by the exploitation of **one** named natural resource.

(8)

Named natural resource ....

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(Total for Question 1 = 25 marks)

TOTAL FOR SECTION A = 25 MARKS

SECTION B: The Human Environment

Write your answers in the spaces provided.

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

2 (a) Study Figure 3 which shows a method of increasing crop production.

(Source: © Golden Sikorka/Shutterstock)

Figure 3

A method of increasing crop production

(i) Identify the method of increasing crop production shown in Figure 3.

(1)

⊠	**A** better water management
⊠	**B** improving education
⊠	**C** land reforms
⊠	**D** plant breeding experiments

(ii) State what is meant by the term, **food security**.

(1)

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(b) Name **two** crops grown in the floodplains of Pakistan.

(2)

1 ....

2 ....

(c) Explain **one** reason why relying on imported energy has a negative effect on the economic development of Pakistan.

(3)

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(d) Study Figure 4 which shows soil erosion in Pakistan.
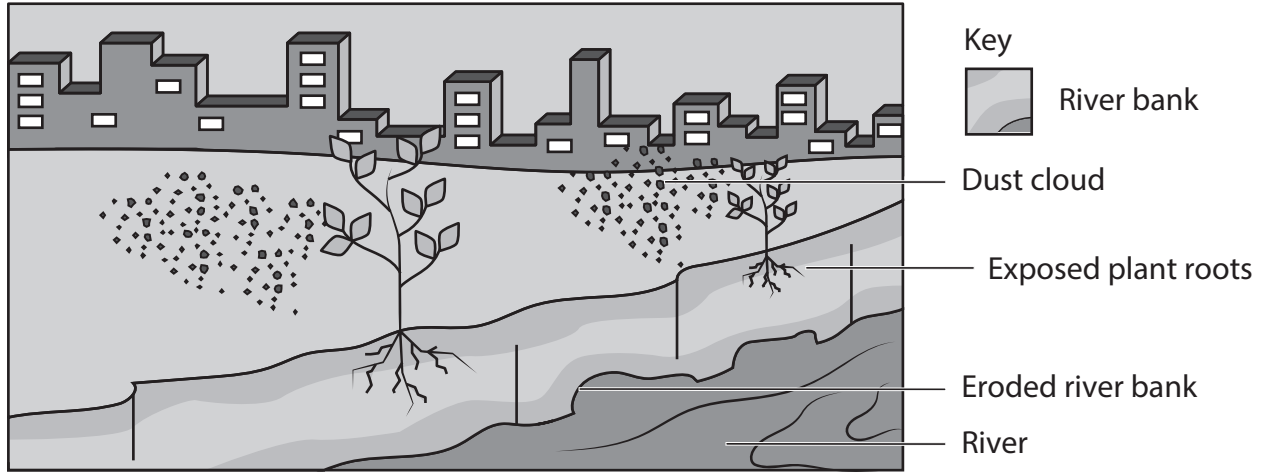
Figure 4

Soil erosion in Pakistan

Suggest **two** reasons for soil erosion in Pakistan.

(4)

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(e) Explain the factors that affect the location of manufacturing industry in Pakistan.

(6)

(f) Assess the importance of improving transport systems for Pakistan's economic development.

(8)

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(Total for Question 2 = 25 marks)
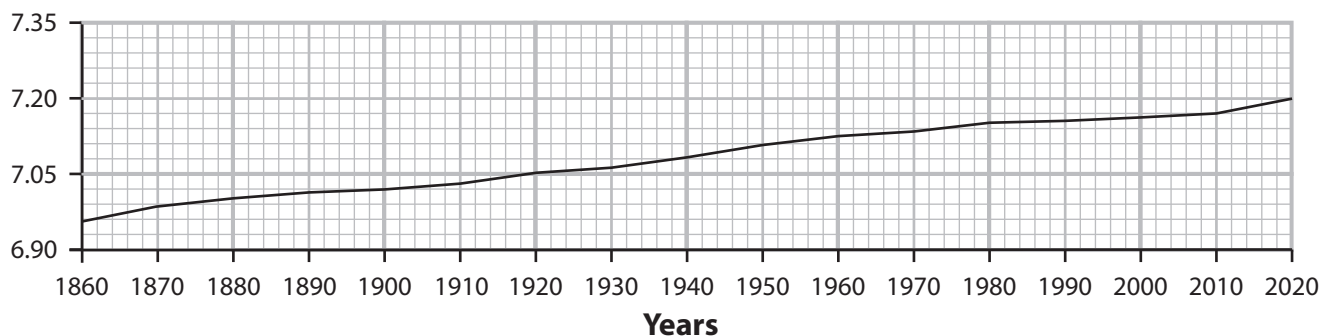
TOTAL FOR SECTION B = 25 MARKS

SECTION C: Challenges for Pakistan

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 the mean sea level height, in metres, for Karachi, 1860–2020.

(Source from: https://tidesandcurrents.noaa.gov/sltrends/
sltrends_station.shtml?id=490-021)

Figure 5

Mean sea level height in metres for Karachi between 1860 and 2020

(i) Identify the year in which mean sea level height was 7.05 metres.

(1)

☒	**A** 1890
☒	**B** 1920
☒	**C** 1950
☒	**D** 1980

(ii) Calculate the difference in sea level height between 1920 and 2020.

(1)

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(iii) State **two** local actions which might be made to adapt to the challenges of climate change in cities such as Karachi.

(2)

1 ....

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2 ....

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(b) Explain **one** way that increasing rates of glacial ablation (melting) affect agricultural production in Pakistan.

(3)

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(c) Study Figure 6 which shows the average live birth rates for Pakistan in 1992 and 2019.

Average live births per woman for 1992

Average live births per woman for 2019

Key

One live birth

(Source from: https://data.worldbank.org/indicator/SP.DYN.TFRT.IN?locations=PK)

Figure 6

Average live birth rates for Pakistan in 1992 and 2019

Suggest **one** impact caused by the change in live birth rate for **education** and **employment** in Pakistan.

(4)

Education

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Employment

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(d) Explain the strategies, introduced since 1975, to support rural communities in Pakistan.

(6)

P 7 2 6 1 0 R A 0 1 5 1 6

(e) Evaluate the opportunities and challenges for people living in large cities in Pakistan.

(8)

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(Total for Question 3 = 25 marks)

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