YEAR 11 | GEOGRAPHY

STUDENT PAPER — original practice assessment

Name: _____ Date: _____

Suggested time: 60–75 minutes. Show reasoning, cite evidence where appropriate, and answer in complete sentences.

Section A — Physical and human geography (24 marks)

1. Explain how impermeable surfaces affect surface runoff and flood risk in cities. (6)

2. Distinguish between weather and climate, giving one example of each. (4)

3. Explain two push and two pull factors affecting migration. (8)

4. Evaluate one advantage and one disadvantage of building a dam. (6)

Section B — Data response (16 marks)

1. A town records annual rainfall (mm): 2019 720; 2020 810; 2021 760; 2022 950; 2023 880. Calculate the mean and range. (6)

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2. The town had three floods in five years. Explain why rainfall totals alone cannot establish the cause of flooding. (10)

ANSWER KEY & TUTOR GUIDANCE

Geography

The following pages contain suggested answers, marking points and tutor guidance. For open-ended tasks, answers are indicative rather than the only acceptable responses.

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TUTOR GUIDE — indicative responses and marking points

Section A — Physical and human geography (24 marks)

1. Reduced infiltration, increased runoff volume and speed, higher peak discharge; acknowledge drainage capacity.

2. Weather short-term atmospheric conditions; climate long-term averages/patterns, typically decades.

3. Push: insecurity, unemployment, environmental hazards; pull: safety, employment, education. Contextual explanation needed.

4. Advantages electricity, water supply or flood regulation; disadvantages displacement, ecological disruption, sediment change.

Section B — Data response (16 marks)

1. Mean 824 mm; range 950–720=230 mm.

2. Consider rainfall intensity, duration, soil saturation, topography, urbanisation, river management, catchment size; correlation alone insufficient. 4 factors, 4 causal links, 2 evaluation.

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