



Catholic Junior College
JC2 Preliminary Examinations
Higher 2

GEOGRAPHY

9173/01
29 August 2025
3 hours

READ THESE INSTRUCTIONS FIRST

An Answer Booklet will be provided with this question paper. You should follow the instructions on the front cover of the answer booklet. If you need additional answer paper ask the invigilator for a continuation booklet.

Write your Centre number, index number and name on the work you hand in.

Write in dark blue or black pen on both sides of the paper.
You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

DO NOT WRITE ON ANY BARCODES.

Section A

Answer **both** questions.

Section B

Answer **two** questions, **one** from each cluster.

The number of marks is given in brackets [] at the end of each question or part question.

Section A

Answer **both** questions

Cluster 1 Development, Economy and Environment

- 1** Resource 1 shows a map of BYD Electric Vehicle (EV) production plants around the world and their annual production capacity. Resource 2 shows the EV sales by continent. Resource 3 shows the major Chinese EV and EV battery manufacturing investments in Europe. EV batteries are crucial components in EVs. Resource 4 shows miners at a cobalt cleaning site in the Democratic Republic of the Congo. Cobalt is a crucial component in EV batteries.
- (a)** Explain the influence of labour characteristics on TNC's locational decisions. [5]
 - (b)** With reference to Resource 1, describe the location and production capacity of main BYD EV production plants around the world. [5]
 - (c)** With reference to Resources 2 and 3, suggest reasons for the locations of BYD production plants. [6]
 - (d)** With reference to Resource 3, explain how global production networks of transnational corporations (TNCs) connect places across the world. [5]
 - (e)** With reference to Resource 4, explain the impacts of extractive industries. [4]
 - (f)** Explain how states can influence operations of TNCs. [5]

Cluster 2 Tropical Environments

- 2** Resource 5 shows a map of Nile River and its tributaries. Resource 6 shows Nile discharge before and after the Grand Ethiopian Renaissance Dam (GERD) was built. Resource 7 shows the elevation of the Nile River Delta.
- (a)** Cite data from Resource 6 to compare discharge before and after GERD was built. [4]
 - (b)** With reference to Resources 5 and 6, explain how the construction of GERD may influence the formation of fluvial landforms. [6]
 - (c)** With reference to Resource 6, describe how humans can compromise the ability of deltas to provide ecosystem services. [5]
 - (d)** Describe the features of the Nile River Delta as shown in Resource 7. [5]
 - (e)** Explain the variations in the effects of fluvial floods experienced by different groups of people. [5]
 - (f)** Explain the strengths and limitations of strategies to manage fluvial floods. [5]

Section B

Answer **either** question 3 **or** question 4 and answer **either** question 5 **or** question 6.

Cluster 1 Development, Economy and Environment

- 3** 'Inadequate resources is the greatest challenge in meeting present and future needs.'
- Evaluate this statement. [20]
- 4** Evaluate the impacts of shifts in global patterns of production on countries' economic sectors. [20]

Cluster 2 Tropical Environments

- 5** 'Uneven distribution of heat over land and sea is the most important factor influencing drainage basin hydrology in the tropics.'
- Evaluate this statement. [20]
- 6** Evaluate the geomorphic processes influencing the formation of karst in the humid tropics. [20]