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# 3

91427



914270



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## Level 3 Geography 2022

### 91427 Demonstrate understanding of how a cultural process shapes geographic environment(s)

Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of how a cultural process shapes geographic environment(s).	Demonstrate in-depth understanding of how a cultural process shapes geographic environment(s).	Demonstrate comprehensive understanding of how a cultural process shapes geographic environment(s).

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

Check that this booklet has pages 2–8 in the correct order and that none of these pages is blank.

Do not write in any cross-hatched area (✂). This area may be cut off when the booklet is marked.

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**Merit**

**TOTAL**

**05**

ASSESSOR'S USE ONLY

## INSTRUCTIONS

Identify a **cultural process** that shapes one or more **geographic environments**, in the space below.

Cultural process: Tourism development

Geographic environment(s) that are shaped by this cultural process: Phuket, Thailand.

You may use the space below to plan your response. Begin your answer on page 3.

### PLANNING

Concentration tourist activity

- Patong - main resort - Laguna ✓
  - Operators take advantage of T\$ for wealth ✓
  - 70's allocentric ✓
  - 80's 90's gained momentum ✓
  - unregulated - beach street stalls and bars ✓
  - Beach Suites - Andaman scarring geographical env ✓
  - uncontrolled development lead to ad hoc approach to T management ✓
- pressure on fac/inf - tourist numbers ↑

Linear primary beach attractions ✓

- Phuket means 'hilly island' ✓
- Patong in bay in mountain backbone ✓
- Originally had to walk - patong hill road changed this ✓
- lack of space constrained - natural relief TD ✓
- Operators moved south - Karon - Kata (club med 1985) ✓
- North beaches developed - linear pattern on west coast ✓

dispersed

- change in T type - needs for quality infra/fac - more wealthy people ✓
- Airport 9.5m 2012 ✓
- Roads make these accessible - patong hill 1983 ✓
- Beach Port Lagoon developed - people via yacht ✓
- private houses, piers, maintenance ✓

The operations of the cultural process can be described by interactions and elements of TD Model, creating different variations ... ✓

- Phuket located 7° north equator - attracts for climate ✓



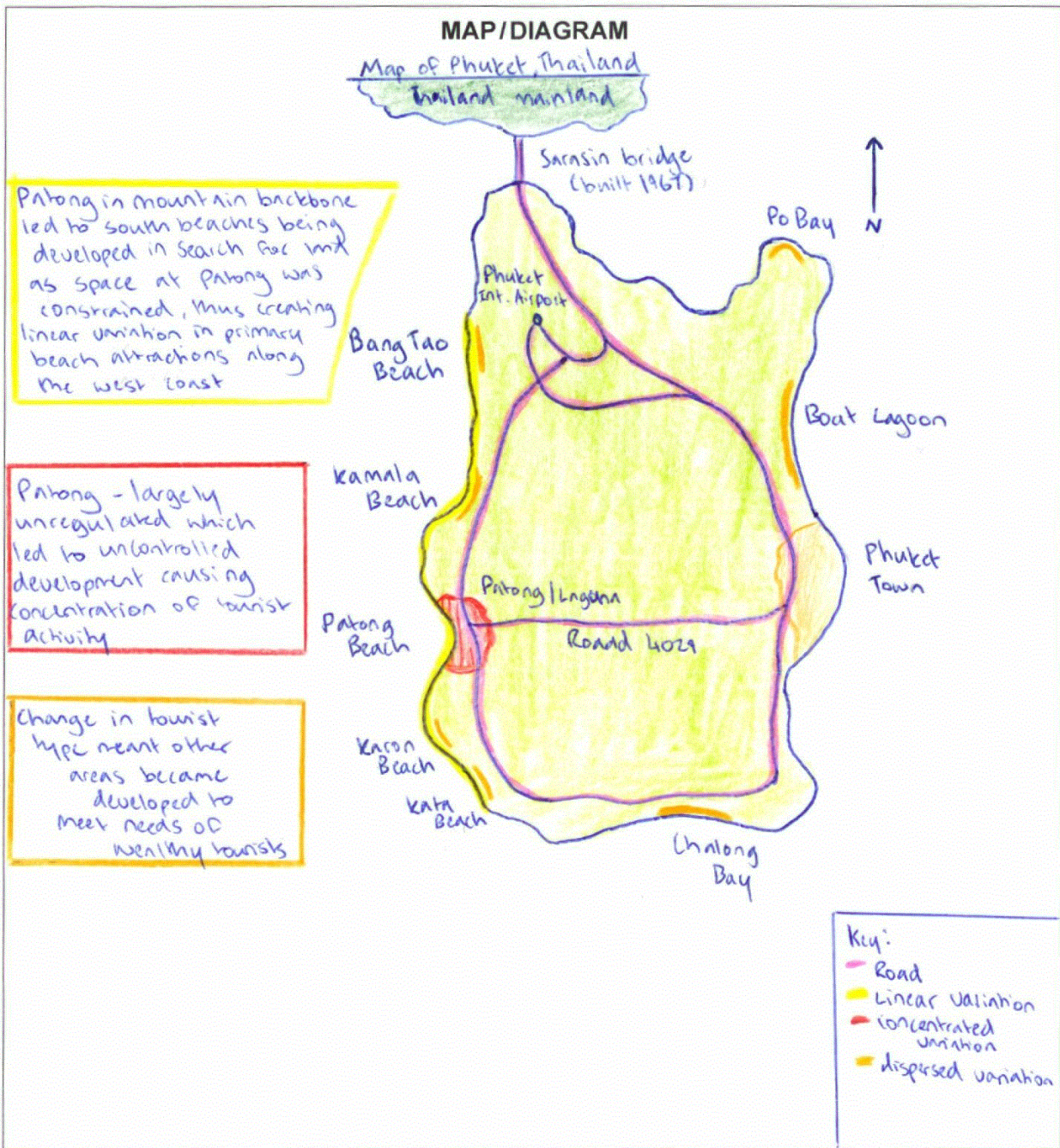
## QUESTION

Analyse how the operation of your cultural process creates either spatial OR temporal variations.

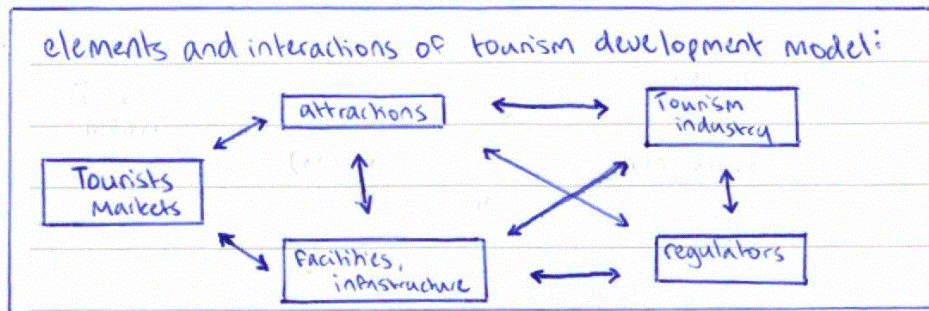
Your analysis should include:

- what the spatial or temporal variations are in your geographic environment
- how the operation of the process has created variations in the environment
- links between the elements of the process to draw conclusions
- integrated comprehensive supporting case study evidence.

Use the space below to construct a map or diagram to support your written response. You may also include additional diagrams and maps in your response.







The operation of tourism development in Phuket can be described by the diagram of elements and interactions of tourism development model above. Each of the five elements interact with one another in different ways and areas, forming spatial variations in tourism development in Phuket.

Phuket is located just 7 degrees North of the equator. Tourists are attracted to Phuket for its tropical environment and beautiful beaches as it is located close to the equator. In Phuket there is a concentrated variation in tourism development particularly in Patong. Along the West coast of the island primary beach attractions have created a linear variation. Phuket overall has multiple spatial variations in tourism development such as concentration, linear and dispersed.

Firstly, ~~there~~ One spatial variation in tourism development in Phuket is the concentration of tourist activity in Patong. Patong is located on the west coast of the island, and is home to one of Phuket's main resorts, Laguna. Concentrated tourist activity in Patong came about for multiple reasons. In Patong's early stages of development during the 1970's, only allocentric tourists visited. This is because accessibility was limited, the only access to Patong was for tourists to walk or catch a local fishing boat. In 1983, a road over Patong Hill was opened, making the beach much more accessible. This meant tourism in Patong gained huge momentum



in the ~~the~~ 1980's and 1990's compared to the 1970's. During Patong's tourism development momentum, tourist operators took advantage of the tourist dollar to gain wealth. Development was largely unregulated, thus leading to the natural geographic environment being scarred by high rise apartments such as the Andaman Beach Suites and beach street stalls and bars becoming extremely popular. As more and more tourists came to Patong, pressure on the facilities and infrastructure increased. An uncontrolled development of Patong led to an ad hoc approach to tourism management, and created a concentrated spatial variation in the operation of tourism development.

~~Another~~ Another spatial variation in tourism development in Phuket is the linear pattern of primary beach attractions along the west coast of the island. The name Phuket means 'hilly island'. This relates to Patong beach being in a bay of a mountain backbone. Due to this Patong had limited space for tourism development. As the natural relief of the mountain backbone constrained further development in Patong, tourism operators who required access to Patong beach moved south. This led to the development of Karon beach as it neighbours Patong beach and is south of Patong Beach. Further south, in Kata Club Med was established in 1985, which is a large resort. From this, tourism operators have moved further North of Patong to the likes of Kamala and Bang Tao. As shown in yellow on the map, this has created a linear spatial variation in the operation of tourism development along the west coast of Phuket.

Lastly, another spatial variation in tourism development in Phuket is ~~the~~ the dispersal of tourism development around the Island of Phuket. Phuket has undergone a change in tourist type. No longer do you see an allocentric Backpacker, like in the 1970's. Phuket



is now visited by wealthy psychocentric tourists. Due to this tourism development in infrastructure and facilities has occurred to meet the quality needs of these psychocentric tourists. This has led to the development of areas such as Boat Lagoon, where wealthy tourists can moor their yachts. Boat Lagoon has been made accessible for psychocentric wealthy tourists who travel via yacht. Boat Lagoon's facilities and infrastructure ~~are~~ has undergone development to meet the needs of these tourists. This has meant private houses have been built, piers for their boats, and maintenance as well. Along with the change in tourist type another contributing factor to the dispersed spatial variation in tourism development in Phuket is transport and infrastructure development. Phuket International Airport has developed, where in 2012 9.5 million tourists travelled through it. Phuket's roads, as shown in pink on the map have allowed for the accessibility of areas to improve. Both the airport and roads have allowed for the dispersed ~~variation~~ spatial variation in ~~Phuket~~ tourism development in Phuket because areas have been made more accessible, and tourist numbers have been allowed to increase with the airport, which has meant areas all around the island have undergone the operation of tourism development. This is shown by the orange colour on the map.

Overall, ~~Phuket~~ the operation in the cultural process of tourism development in Phuket has evident spatial variations such as concentration, linear and dispersed.

## Merit Exemplar 2022

Subject	Level 3 Geography		Standard	91427	Total score	05
Q	Grade score	Annotation				
1	M5	<p>The candidate constructed a map that was appropriate to a spatial variation response, this was demonstrated through their annotations and the key. The map contained sufficient case study detail and annotations to clarify spatial patterns they would be discussing.</p> <p>Within their written response, the candidate was able to describe and explain spatial variations created in the environment in some detail, and reasoning is given that links the operation of the process as the cause of most variations discussed. In parts, the focus was on temporal variations within the process, which did not progress onto how this created change in the environment.</p> <p>The candidate analysed, in some detail, the operation of the process of tourism development in their answer, using some inferred interaction between elements over space to show understanding of this.</p> <p>Case study evidence was used within their answer that provided additional evidence of the quality of the response. The candidate showed a sound, but not insightful, understanding of how a cultural process operates to create variations over space in an environment, to gain Merit.</p> <p>They provided a logical structure by breaking their answer into the various spatial patterns they would be discussing. Their written response, in parts, provided sound detailed analysis with some limited technicality of how the operation of the process created the spatial patterns in their environment.</p> <p>The candidate was limited to Merit, as this response did not contain sufficient development of their analysis of how the operation of the process caused the variations. It lacked insightful analysis of how the links between elements had interacted to cause spatial variations within their environment and lacked technical depth for a higher grade.</p>				