

2009 HSC Geography

Sample Answers

This document contains ‘sample answers’, or, in the case of some questions, ‘answer may include’. These are developed by the examination committee for two purposes. The committee does this:

- (a) as part of the development of the examination paper to ensure the questions will effectively assess students’ knowledge and skills, and
- (b) in order to provide some advice to the Supervisor of Marking about the nature and scope of the responses expected of students.

The ‘sample answers’ or similar advice, are not intended to be exemplary or even complete responses. They have been reproduced in their original form as part of the examination committee’s ‘working document’. While the handwritten notes have been typed for legibility, no further editorial change or addition has occurred.

Section II

Question 16 (a)

Answers could include:

Generic term or specific name of ecosystems eg salt marsh, sabkhah, coral reef or Al Ma'amir salt marsh

Suggested economic enterprises include Bahrain International Airport, Arab Ship Building and Repair Yard, BAPCO Oil Refinery, Safivan Police College, University of Bahrain Ministry of Education, Bahrain International Exhibition Centre, Sitrah Power Station.

Question 16 (b)

Answers could include:

Reasons for location could include proximity to city, power, labour, access to water, communications flat land, scenic factors etc

- Meridien Hotel – close to airport, city, water
- Power station – close to water, urban area
- Aluminium smelting – close to port

Question 16 (c) (i)

Answers could include:

Focus question may be phrased as a question, hypothesis or statement.

Question 16 (c) (ii)

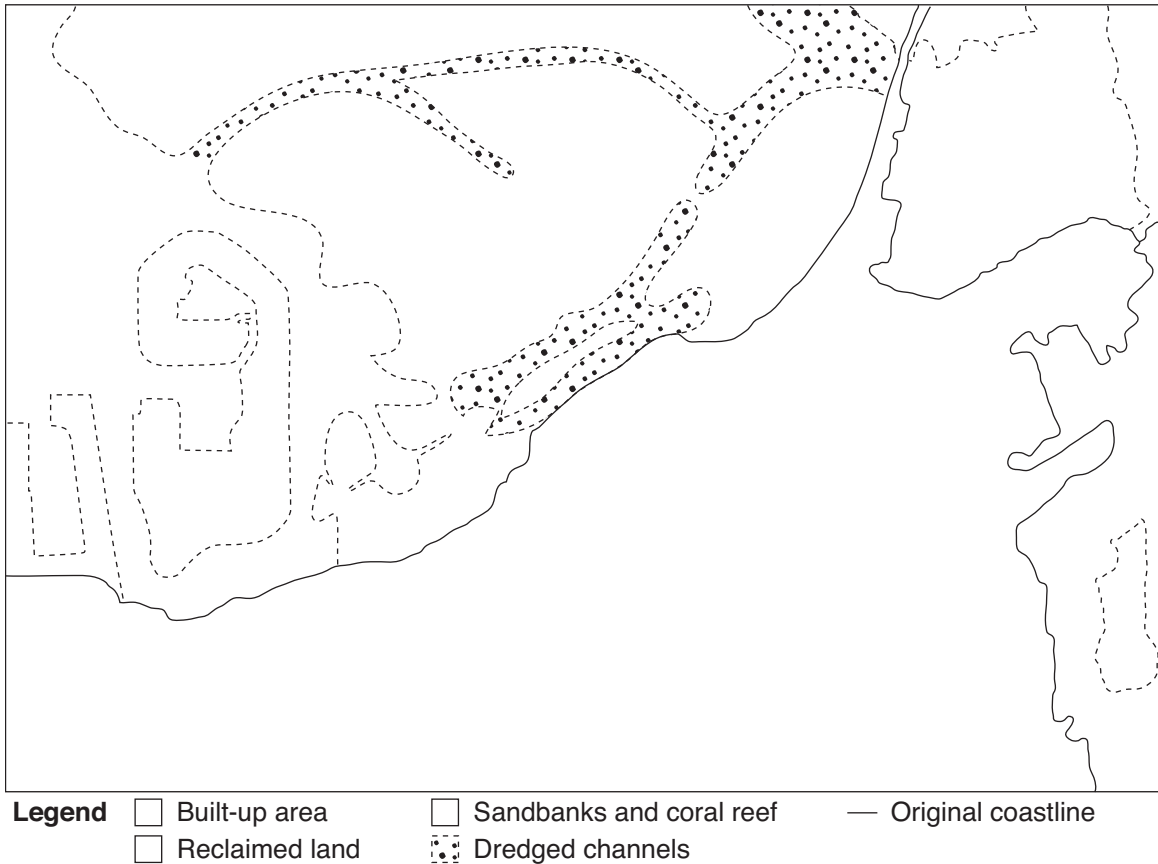
Answers could include:

- Transport: develop surveys/questionnaires for people in outlying areas (suburbanization).
- Creation of land use maps in Al Manama (urban consolidation)

Administer surveys around reclaimed land re: urban renewal

Question 17 (a)

Sample answer/Answers could include:



Question 17 (b)

Answers could include:

Changes could include dredging, land reclamation, changing the shape of the coastline, high rise buildings, residential/tourist development, dredging channels, development of marinas.

Effects could include potential destruction of coral reefs, silting of coastal water, shoreline degradation, aquatic food chains, change of depth of water, increased run off, shoreline vegetation destroyed.

Question 17 (c)

Answers could include:

Inundation of newly reclaimed areas, undermining of high rise buildings and tourist developments, flooding of highway 37, inundation of business district and parkland.

Question 18***Answers could include:***

Summer: High temperature, no rainfall

Winter: Lower (but still high) temperatures with some rainfall

Best tourist season in cooler months, at start and end of year (winter). Summer period too hot, marine/aquatic activities available eg, snorkelling of coral reefs, sailing.

Question 19 (a)***Answers could include:***

Provide right answer:

$$12\frac{1}{2}$$

$$12\frac{1}{2} \times$$

$$12\frac{1}{2} \text{ times}$$

$$12.5$$

$$12.5 \times$$

$$12.5 \text{ times}$$

Question 19 (b)***Answers could include (some of):***

- Latitude (29 degrees 50 minutes North) just outside the tropics and the monsoon belt
- Altitude in excess of 3000m, which will modify temperatures (cooling) clearer air, stronger winds
- Precipitation decreasing northwards with increasing latitude showing the influence of the wet monsoon, low-moderate precipitation, most rain will fall in summer due to monsoon effect
- Vegetation coniferous forest or scrub due to altitude and cool temperatures

Section III

Question 20

Answers could include:

Question 21

Answers could include:

Maintenance of genetic diversity, utility values, intrinsic values, heritage values and the need to allow natural change to proceed.

Question 22

Answers could include:

Factor	Component
Biophysical	Climate, soils, topography, site
Ecological	Sustainability and resource use
Economic	Competitive advantage, consumer demand, mobility of labour and capital
Sociocultural	Tradition, changing lifestyles, labour participation rates
Organisational	Ownership, decision making and control
Technological	Transportation, information transmission and flows, biotechnology
Political	Quotas, tariffs, compacts, agreements
Other	Relevant component