

Mark Scheme (Results) January 2008

GCE O Level

Bangladesh Studies (7038) Paper 2

7038/02 Land, People and Economy

Question Number	Answer	Mark
1(a) (i)	C	(2)

Question Number	Answer	Mark
1(a) (ii)	A	(2)

Question Number	Answer	Mark
1(a) (iii)	A	(2)

Question Number	Answer	Mark
1(a) (iv)	B	(2)

Question Number	Answer	Mark
1(a) (v)	B	(2)

2 marks for each correct choice.

(10)

Question Number	Answer	Mark
1(b) (i)	A flood plain is the low-lying, level land either side of a river channel. A delta is also low-lying and level, but is formed where the river enters the sea or a large inland water body. So the difference is one of location relative to the course of a river. 3 marks for correct definitions; fourth mark for some explicit comments about difference (location).	(4)

Question Number	Answer	Mark
1(b) (ii)	Natural relief reservoirs during times of flood; fertile land regularly replenished by deposition of silt; corridors of movement, etc. 2 marks for each way.	(6)

Question Number	Answer	Mark
1(c) (i)	The increase food production and to reduce hunger and starvation. 1 mark for each point.	(2)

Question Number	Answer	Mark
1(c) (ii)	Introduction of HYVs; use of artificial fertilisers; use of herbicides and pesticides; irrigation, etc. 2 marks for each valid change. [The question is NOT about results (see iii), but rather about the changes that were key elements in the GR].	(4)

Question Number	Answer	Mark
1(c) (iii)	Expense of HYV seeds; increased debt because of farmers having to buy seeds, fertilisers, pesticides, pumps, etc. 2 marks for each problem.	(4)

(Total 30 marks)

Question Number	Answer	Mark
2(a) (i)	In the north-east - in northern part of Sylhet.	(2)

Question Number	Answer	Mark
2(a) (ii)	It gradually increases from 150 to 350 cm - at first slowly, but then more quickly. 1 mark for basic trend; second mark for embellishment.	(2)

Question Number	Answer	Mark
2(a) (iii)	The total decreases very rapidly in the coastal zone and then very slightly. In the middle of the country starts to rise again and quite rapidly close to the border. 1 mark for each of these four changes in the trend.	(4)

Question Number	Answer	Mark
2(b) (i)	Supply of water; transport; silt for replenishing soils, etc. Note: only one feature required.	(2)

Question Number	Answer	Mark
2(b) (ii)	Mark on the basis of soundness or reasoning. There are a number of contenders. A top quality answer (5-6 marks) may make some comparative references.	(6)

Question Number	Answer	Mark
2(b) (iii)	Shared ownership with India - India in stronger situation. Seasonality - reduced flow in winter; water shortages; reduced river transport.	(2)

Question Number	Answer	Mark
2(c)	Overfishing; water pollution; salinisation of inland waters; disturbance of aquatic habitats by flood control measures; spread of diseases in fish.	(12)

Band 1: Simple statements (1 - 4 marks)

Simple list of one or two reasons.

Band 2: Developed statements (5 - 8 marks)

Some expansion of two or more reasons.

Band 3: Thorough response (9 - 12 marks)

Attempts to evaluate a number of reasons.

(Total 30 marks)

Question Number	Answer	Mark
3(a) (i)	Bay of Bengal	(2)

Question Number	Answer	Mark
3(a) (ii)	Strong heating of unstable air causes uplift which, in turn, leads to an in-rush of upward spiralling air. Two elements of explanation - 2 marks each.	(4)

Question Number	Answer	Mark
3(a) (iii)	Strong winds; torrential rain & flooding; storm surges. 1 mark for each hazard element.	(4)

Question Number	Answer	Mark
3(b) (i)	Mangrove; tropical deciduous; tropical evergreen. 1 mark each.	(2)

Question Number	Answer	Mark
3(b) (ii)	Reduces risks of soil erosion and landslides; saves having to import timber, particularly for fuel; protection of biodiversity. 1mark for each argument, plus 1 mark for explanation.	(6)

Question Number	Answer	Mark
3(c)	Prolonged rainfall; earthquake shock waves; clearance of slopes; building on and across slopes.	(12)

Band 1: Simple statements (1 - 4 marks)

Basic description of a landslide.

Band 2: Developed statements (5 - 8 marks)

Understands that physical causes are more than just heavy rainfall.

Band 3: Thorough response (9 - 12 marks)

Appreciates that the role of people in causing or contributing to some landslides.

(Total 30 marks)

Question Number	Answer	Mark
4(a) (i)	Infant mortality rate.	(2)

Question Number	Answer	Mark
4(a) (ii)	Better healthcare; better diet; better hygiene. 4 marks for three reasons; 3 marks for 2 reasons; 2 marks for 1 reason.	(4)

Question Number	Answer	Mark
4(a) (iii)	Inverse relationship (1 mark). A lowering of the death rate means an increase in life expectancy (1 mark).	(2)

Question Number	Answer	Mark
4(a) (iv)	It increased (1 mark) - but only by a small amount (1 mark).	(2)

Question Number	Answer	Mark
4(b) (i)	Population density in the number of people living in an area.	(2)

Question Number	Answer	Mark
4(b) (ii)	Fertility of land; freedom of risk from flooding and other natural hazards; economic activities; rates of natural increase; migration balance. 1 mark for each valid reason baldly stated + 1 mark for embellishment.	(6)

Question Number	Answer	Mark
4(c)	Population pressure; heavy dependence on farming; frequent natural hazards; poor infrastructure; limited natural resources, etc.	(12)

Band 1: Simple statements (1 - 4 marks)

Lists one or two reasons.

Band 2: Developed statements (5 - 8 marks)

Develops two reasons

Band 3: Thorough response (9 - 12 marks)

Response has some width and depth.

(Total 30 marks)

Question Number	Answer	Mark
5(a) (i)	Dhaka	(2)

Question Number	Answer	Mark
5(a) (ii)	1. silk and cottage industries 2. port industries - ship-repair; oil refining 2 marks for each city - 1 mark for each valid industry.	(4)

Question Number	Answer	Mark
5(a) (iii)	Provincial capital of East Pakistan since 1947; fairly central location and reasonably accessible from most parts of country. 2 marks for each reason - 1 mark for bald statement + 1 mark for element of explanation.	(4)

Question Number	Answer	Mark
5(b) (i)	People going abroad to work (1 mark), but for a fixed short term (6 months, 1 year, etc.) rather than indefinitely (1mark).	(2)

Question Number	Answer	Mark
5(b) (ii)	Relieve the unemployment situation; remittances sent back home to support family; workers learn new skills which they eventually bring back to Bangladesh. 1 mark for each advantage just listed; 2 marks if explained.	(4)

Question Number	Answer	Mark
5(b) (iii)	Often the more able workers involved, depriving Bangladesh of the benefits. 1 mark for bald statement + 1 mark for some explanation.	(2)

Question Number	Answer	Mark
5(c)	Three main criteria - size (larger); function (non-agricultural basis to economy); way of life - pace; lifestyles, etc.	(12)

Band 1: Simple statements (1 - 4marks)

Brief description of what constitutes a town and a village.

Band 2: Developed statements (5 - 8 marks)

Some evidence of focusing on differences.

Band 3: Thorough response (9 - 12 marks)

Clear focus on differences with respect to at least two criteria.

(Total 30 marks)

Question Number	Answer	Mark
6(a) (i)	Negative.	(2)

Question Number	Answer	Mark
6(a) (ii)	Ready-made clothing; prawns & shrimps; leather goods; jute goods. 1 mark each.	(2)

Question Number	Answer	Mark
6(a) (iii)	USA and Europe. 1 mark each.	(2)

Question Number	Answer	Mark
6(b) (i)	Service sector	(2)

Question Number	Answer	Mark
6(b) (ii)	Central business district. 2 marks for correct expansion of the initials; 2 marks for comments about the nature of the CBD.	(4)

Question Number	Answer	Mark
6(b) (iii)	Usually the most accessible part of the city to the majority of potential customers; businesses benefit from being together in one location; benefits of passing trade; recruitment of labour easiest here. 2 marks for each reason (1 mark badly stated + 1 mark for development).	(6)

Question Number	Answer	Mark
6(c)	Small-scale production units; family-based; use local raw materials, inherited artistic skills and simple technology. Create employment and income, particularly in remoter rural areas.	(12)

Band 1: Simple statements (1 - 4 marks)

Limited statements mainly linked to first question.

Band 2: Developed statements (5 - 8 marks)

Good grasp of what cottage industries are, plus some explanation of importance.

Band 3: Thorough response (9 - 12 marks)

Balanced treatment of both parts of the question.

(Total 30 marks)

Question Number	Answer	Mark
7(a) (i)	Gross domestic product.	(2)

Question Number	Answer	Mark
7(a) (ii)	Primary (1 mark) - minus 35% (1 mark)	(2)

Question Number	Answer	Mark
7(a) (iii)	Agriculture - food production.	(2)

Question Number	Answer	Mark
7(a) (iv)	Value of goods and services of the other two sectors much higher than food. People leaving primary sector to work in other two; urbanisation. 1 mark for each valid reason badly stated. Two developed reasons - 2 marks each.	(4)

Question Number	Answer	Mark
7(b) (i)	It takes into account diet, the adequacy of healthcare and the level of education (particularly among women). The better these things are, the lower the rate of infant mortality. Be sure to reward understanding of concept and elements of explanation.	(4)

Question Number	Answer	Mark
7(b) (ii)	adult literacy; life expectancy; energy consumption; no of people per doctor, etc. 2 marks each.	(4)

Question Number	Answer	Mark
7(c)	Vital in terms of accessing raw materials and marketing manufactured goods. Labour more mobile. Services more accessible. Closer integration of all parts of the country.	(12)

Band 1: Simple statements (1 - 4 marks)

A few basic comments about what transport does

Band 2: Developed statements (5 - 8 marks)

Good coverage of what transport does, but little reference to development.

Band 3: Thorough response (9 - 12 marks)

Good grasp of the importance of transport in the context of development.

(Total 30 marks)