



NANYANG JUNIOR COLLEGE

Year 2 Preliminary Examination

H2 GEOGRAPHY

9751/02

Paper 2 Data Response Questions

20 September 2018

INSERT

3 hours

Additional Materials:

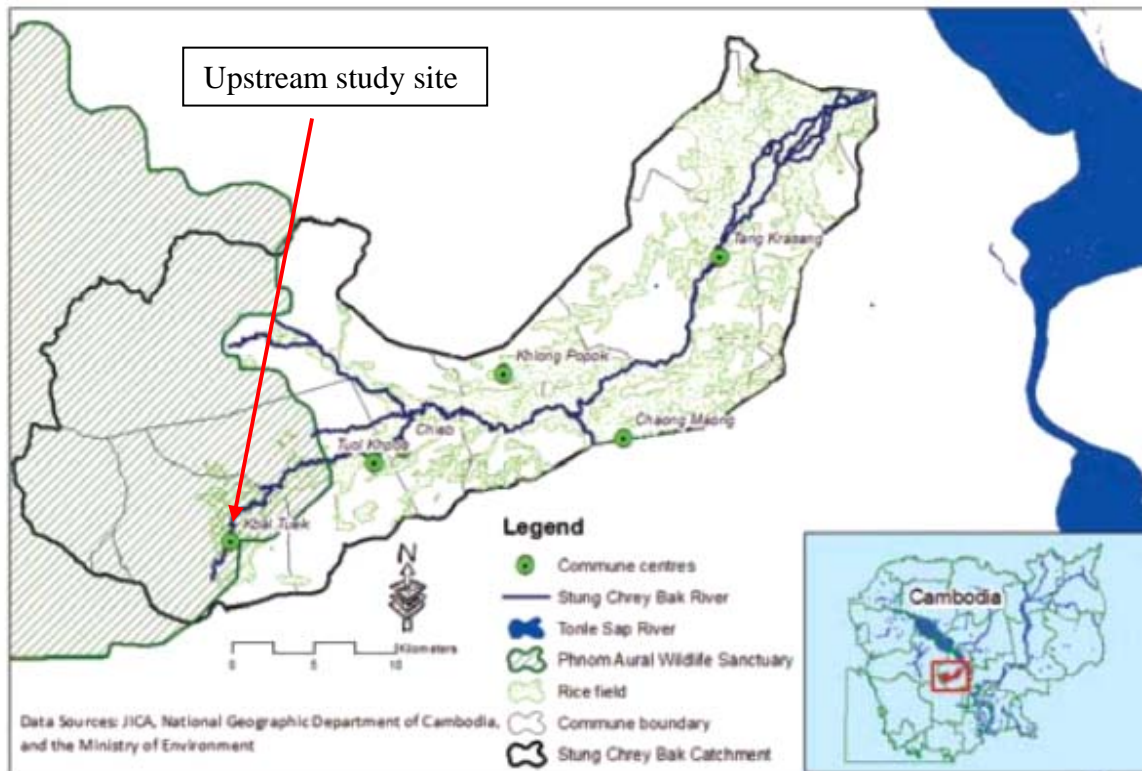
Answer Paper
1 Insert
World outline map

READ THESE INSTRUCTIONS FIRST

This Insert contains all the Resources referred to in the questions.

Resource 1 for Question 1

The catchment area of Stung Chrey Bak Stream in Cambodia



Source: Sopheak, C., Wales, N and Frewer, T. An Investigation of Land Cover and Land Use Change in Stung Chrey Bak Catchment, Cambodia CDRI Working Paper Series No. 53

Resource 2 for Question 1

A segment of the upstream of Stung Chrey Bak Stream



Source: Sopheak, C., Wales, N and Frewer, T. An Investigation of Land Cover and Land Use Change in Stung Chrey Bak Catchment, Cambodia CDRI Working Paper Series No. 53

Resource 3 for Question 1

Data collected from the upstream segment of Stung Chrey Bak Stream

Section	Velocity (m/s)	Length (m)	Water level (cm)
1	0.5	1	12
2	1.1	1	15
3	1.5	1	22
4	1.8	1	24
5	1.7	1	28
6	1.6	1	35
7	2	1	37
8	1.9	1	42
9	2.1	1	44
10	2.1	1	46
11	1.8	1	33
12	1.6	1	19
13	1.5	1.3	14

Source: adapted from <https://www.slideshare.net/techoly/steram-dicharge-measurement>

Resource 4 for Question 2**Mass movement hazard in Sierra Leone, Africa**

Source: <http://www.opinionnigeria.com/lessons-from-freetown-and-congo-landslides-by-greg-odogwu/#sthash.Oj4BZ40d.dpbs>

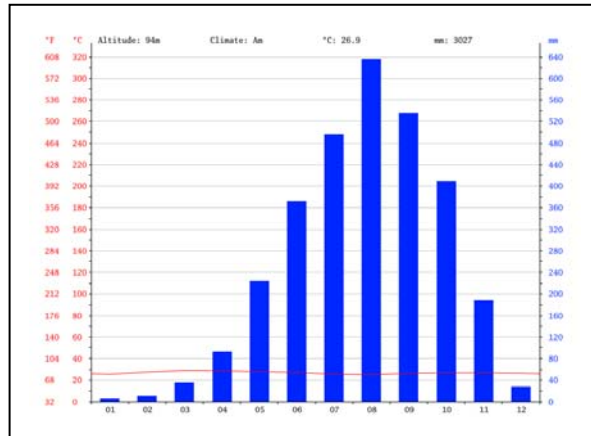
Resource 5 for Question 2**Mass movement in Egypt, Africa**

Source: <https://www.aljazeera.com/news/middleeast/2008/09/20089611533425930.html>

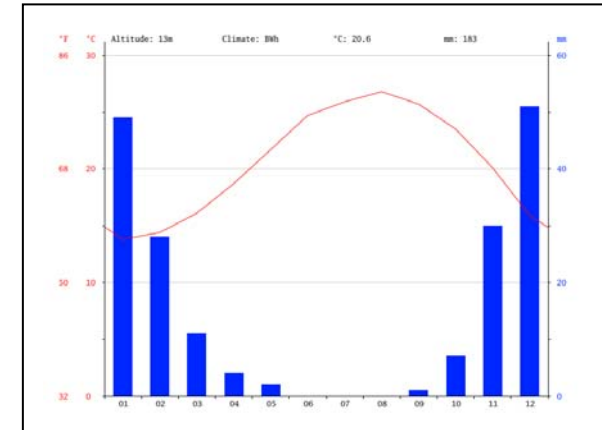
Resource 6 for Question 2

The locations and climographs of Sierra Leone and Egypt

Climograph of Sierra Leone



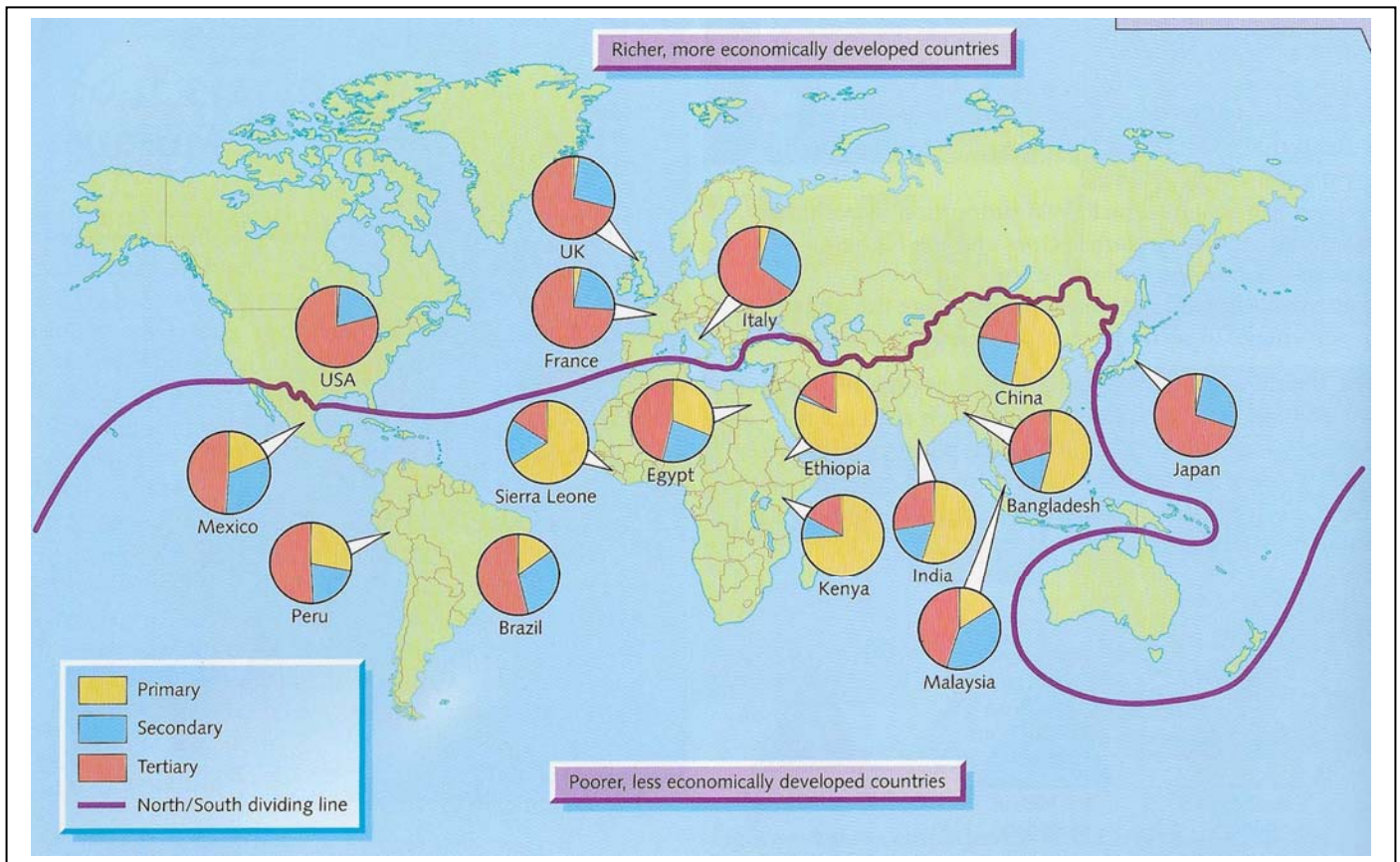
Climograph of Egypt



Source: <https://www.bugbog.com/maps/africa/>

Resource 7 for Question 3

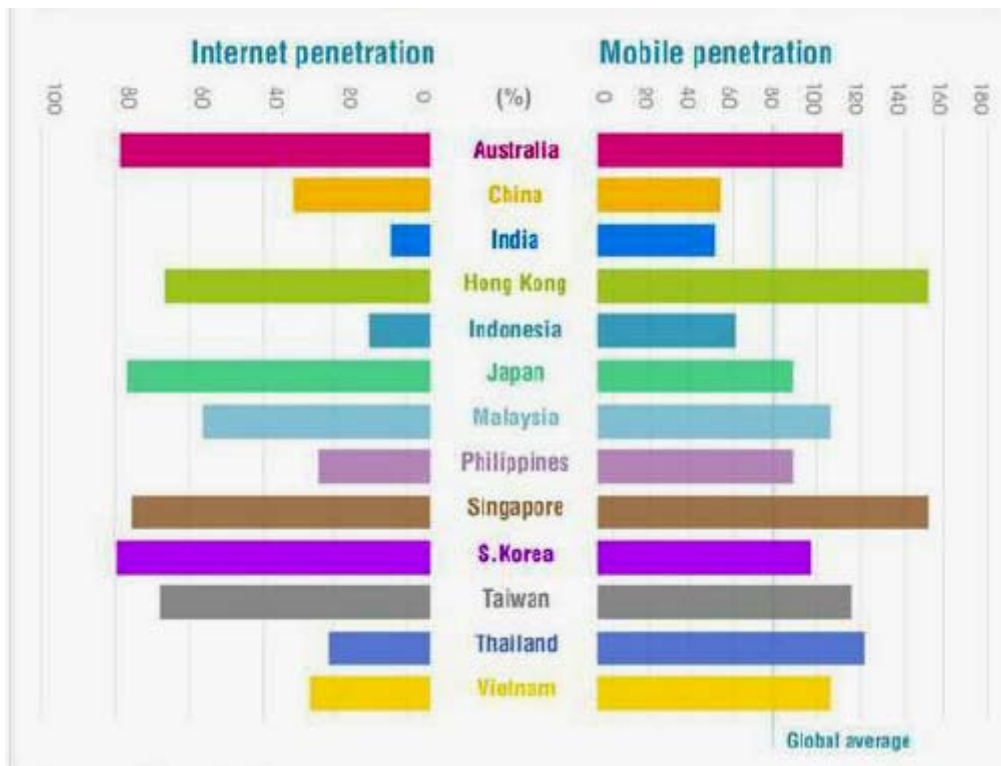
Employment structures and economic development of selected countries



Source: Unknown

Resource 8 for Question 3

Comparison between Internet penetration and mobile penetration of selected Asian countries and Australia

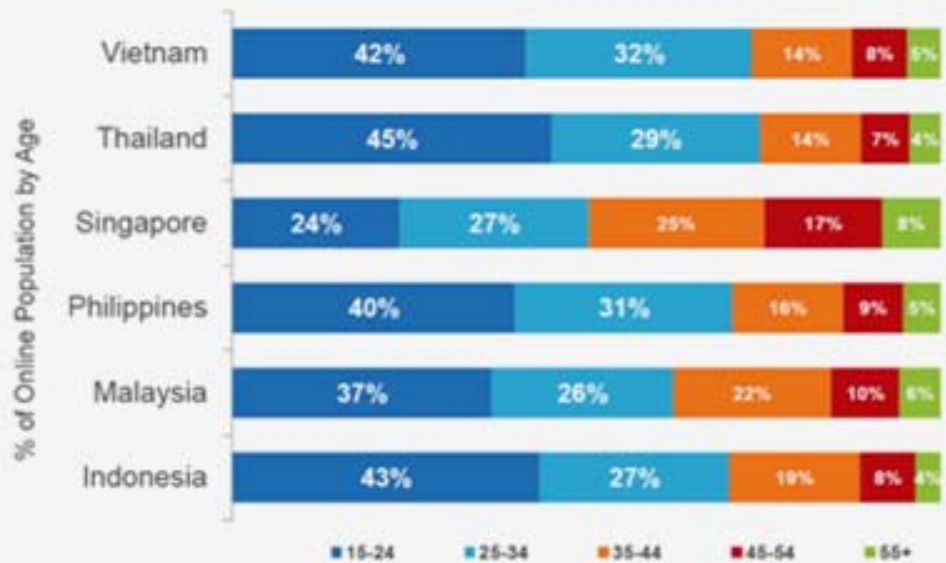


Source: https://www.researchgate.net/figure/Infographic-Internet-and-Mobile-Penetration-Resource-asia_fig2_262723188

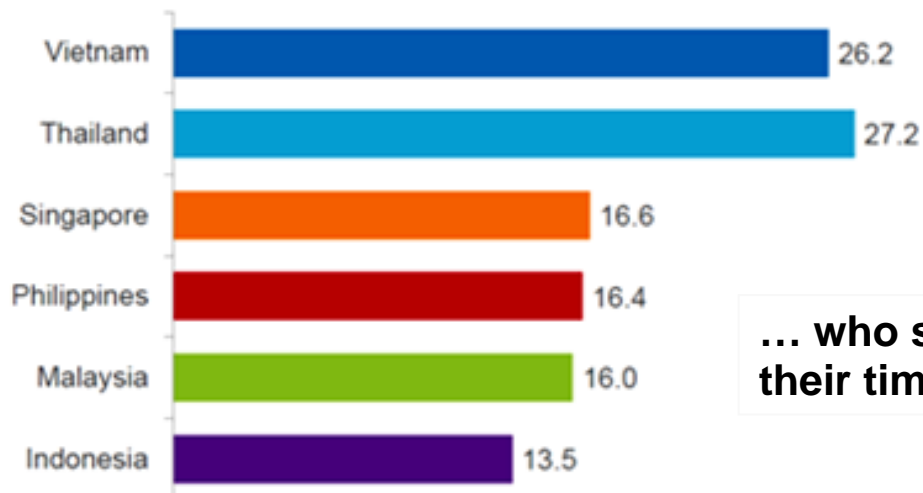
Resource 9 for Question 3

The internet user profile for Southeast Asian countries in 2013

Southeast Asia online populations are relatively young



Average Time Spent Online (Hours)
March 2013



... who spent much of their time online

Source: https://www.researchgate.net/figure/Infographic-Internet-user-growth-2000-2010-Resource-asia_fig1_262723188

Resource 10 for Question 4

Type of waste composition in Phnom Penh, Cambodia

Country	Type of waste composition (in %)						GDP/Cap
	Food wastes	Paper	Plastic	Metal	Glass	Others	
Phnom Penh, Cambodia	63.3	6.4	15.5	0.6	1.2	13	513

Resource 11 for Question 4

The plastic situation in Cambodia



Source: <http://geeksincambodia.com/beating-the-plastic-situation-innovatively-eco-friendly-startups-in-the-kingdom/>

Note: 5,000 Riels = S\$1.68

Resource 12 for Question 4

A typical street scene in Phnom Penh



Source: <https://urbanvoicecambodia.net/documentary-reflects-cambodias-battle-plastic/?lang=en>

Resource 13 for Question 4

Typical characteristics of waste management in Asian cities by level of development

Waste characteristics	Level of development		
	Less developed cities	Rapidly developing cities	Developed cities
Waste generation (kg/capita-day)	0.3-0.7	0.5-1.5	>1.0
Waste collection rate	<70%	80-95%	95-100%
Recycling	Informal	Formal and informal	Formal
Expenditure from Municipal budget (%)	15-40	5-25	1-5

Resource 14 for Question 4**News article about plastic bag fee implementation in Phnom Penh.****Environment Ministry rolls out plastic bag fee**

[Khouth Sophak Chakrya](#) and [Daphne Chen](#) | Publication date 29 March 2018 | 08:52 ICT

Customers at shopping centres and supermarkets will be charged 400 riel per plastic bag beginning April 10.

Heng Nareth, the director of environmental protection at the Ministry of Environment, said the aim is to reduce wasteful use of plastic bags.

The initiative, he said, “is not to gain income for the state, but to change the attitude of people and turn their awareness to think about the impacts on the environment and society by reducing plastic bag consumption in Cambodia.”

Chea Sopheak, the general manager of Sorya Mall, said she had been invited to several meetings with the ministry over the past few months and was supportive of the measure, even if it might cause discomfort among customers. “We are doing it for the sake of our environment,” she said. “It’s a starting point to educate people and get customers to take part in this effort to reduce plastic.”

Soeung Saran, executive director of the urban issues NGO Sahmakum Teang Tnaut, welcomed the initiative.

“In terms of waste management, plastic bags are one of the major issues,” he said. “Everyone throws them onto the street and waste management is still relatively poor.” However, Saran questioned the strength of enforcement.

Nareth said vendors who disobey the pronouncement will receive a written warning before possibly being subject to fines or closure. He said officials hope to expand the initiative to other stores and wet markets.

Source: <https://www.phnompenhpost.com/national/environment-ministry-rolls-out-plastic-bag-fee>