



**SERANGOON JUNIOR COLLEGE**  
**JC2 PRELIMINARY EXAMINATION 2017**  
**Higher 1**

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**GEOGRAPHY**

**8813/01**

Paper 1  
INSERT

**Wednesday**  
**13 Sept 2017**  
**3 hours**

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**READ THESE INSTRUCTIONS FIRST**

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

## Resource 1 for Question 1

## Location of two slums in Lagos (Nigeria)



## Resource 2 for Question 1

## Selected Demographic characteristics of the respondents

Characteristics	Ijora-Oloye (n* = 805)	Makoko (n * =815)
<b>Migrants (ie : not born in the slum neighbourhood)</b>	45%	49%
<b>Sex</b>		
Male	43.2%	51.2%
Female	56.8%	48.8%
<b>Ethnic Group</b>		
Yoruba	92.7%	77.8%
Igbo	2.1%	15.3%
Hausa	2.4%	0.5%
Others	2.8%	6.4%
<b>Annual household Income</b>		
Less than USD 320	56.9%	3.4%
USD320 ≤USD 640	6.0%	2.3%
USD 640 ≤ USD 1,280	0.7%	0.9%
USD 1,280≤ USD 2,560	0.4%	0.5%
USD 2,560 ≤ USD 5,120	0.1%	0.2%
Don't know	1.1%	2%
No response	34.8%	90.7%
<b>Education</b>		
No formal schooling	22.2%	13.1%
Less than Primary school	4.1%	4%
Primary school completed	27.8%	24.7%
Secondary school completed	34.3%	46.3%
Post secondary school completed	6.3%	8.7%
Postgraduate degree	0.7%	1.3%
Quranic	3.5%	1%
No response	1.0%	1%

*\*n denotes sample size*

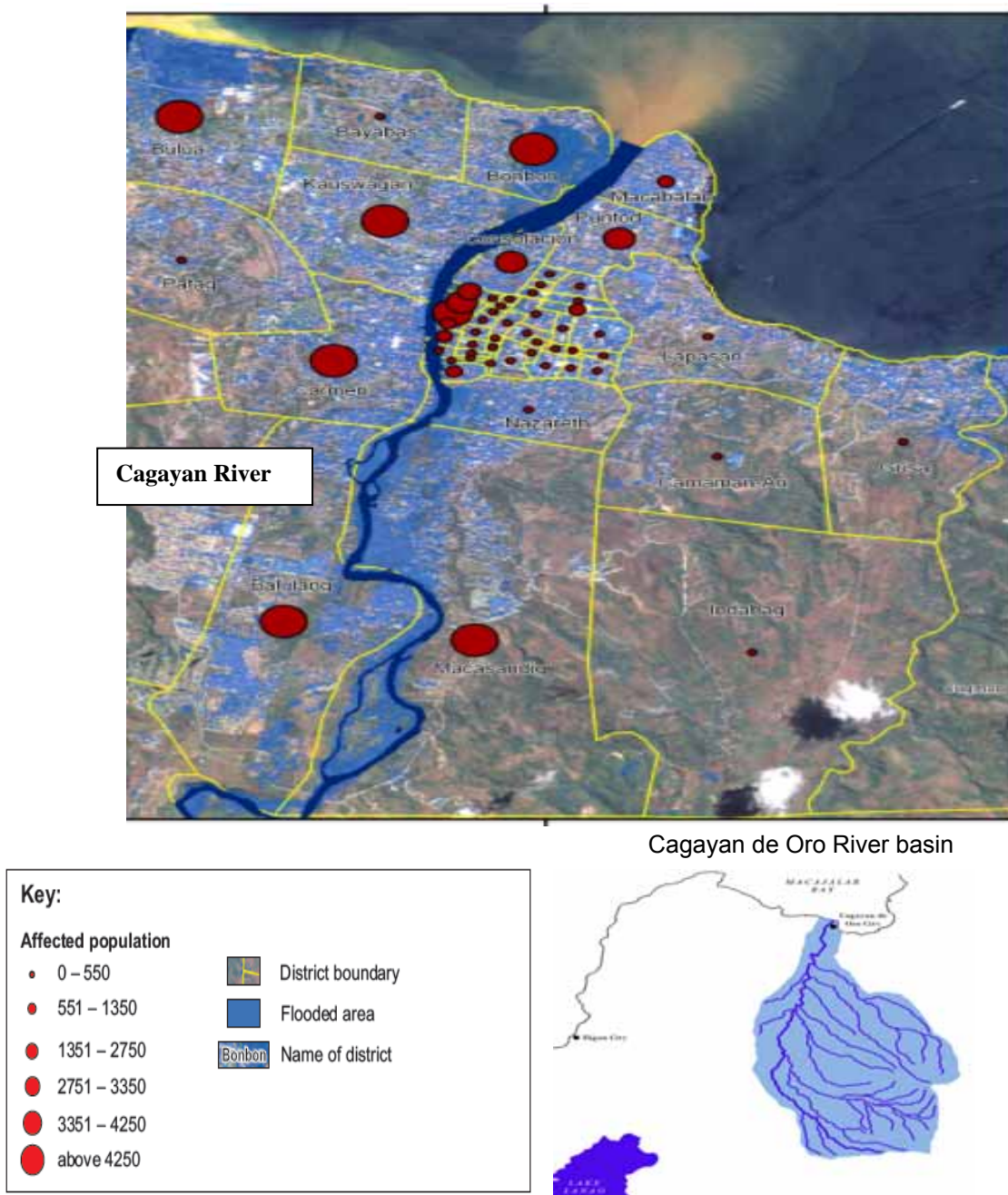
**Resource 3 for Question 1**

**Challenges of living in a slum in Makoko and Ijora-Oloye**

<b>Challenges of living in a slum</b>	<b>Percentage of slum population</b>
Unclean latrine facilities	54.4%
Perennial flood	30.1%
Unemployment	22.6%
Mosquitos	89.3%
Lack of electrical supply	63.2%
Extreme heat	55.7%

## Resource 4 for Question 2

Flooded area and affected population in Cagayan de Oro city (Philippines), December 2011



**Resource 5 for Question 2**

**Land use along the Cagayan River**





**Resource 6 for Question 2**  
**Before and after the flooding satellite pictures of a stretch of the Cagayan River**



**Resource 7 for Question 2**  
**Flood control project along a stretch of the Cagayan River**



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