



**GCE AS/A level**

1201/01

**GEOGRAPHY – G1**  
**Changing Physical Environments**

P.M. MONDAY, 14 January 2013

1½ hours

1201  
010001

#### **ADDITIONAL MATERIALS**

In addition to this examination paper, you will need one 12 page answer book.

#### **INSTRUCTIONS TO CANDIDATES**

Use black ink or black ball-point pen.

Answer **all** questions.

Write your answers in the separate answer book provided.

Write your name, centre number and candidate number in the spaces at the top of the answer book.

#### **INFORMATION FOR CANDIDATES**

Each question carries **25** marks.

The number of marks is given in brackets at the end of each question or part-question.

You are reminded that assessment will take into account the quality of written communication used in your answers.

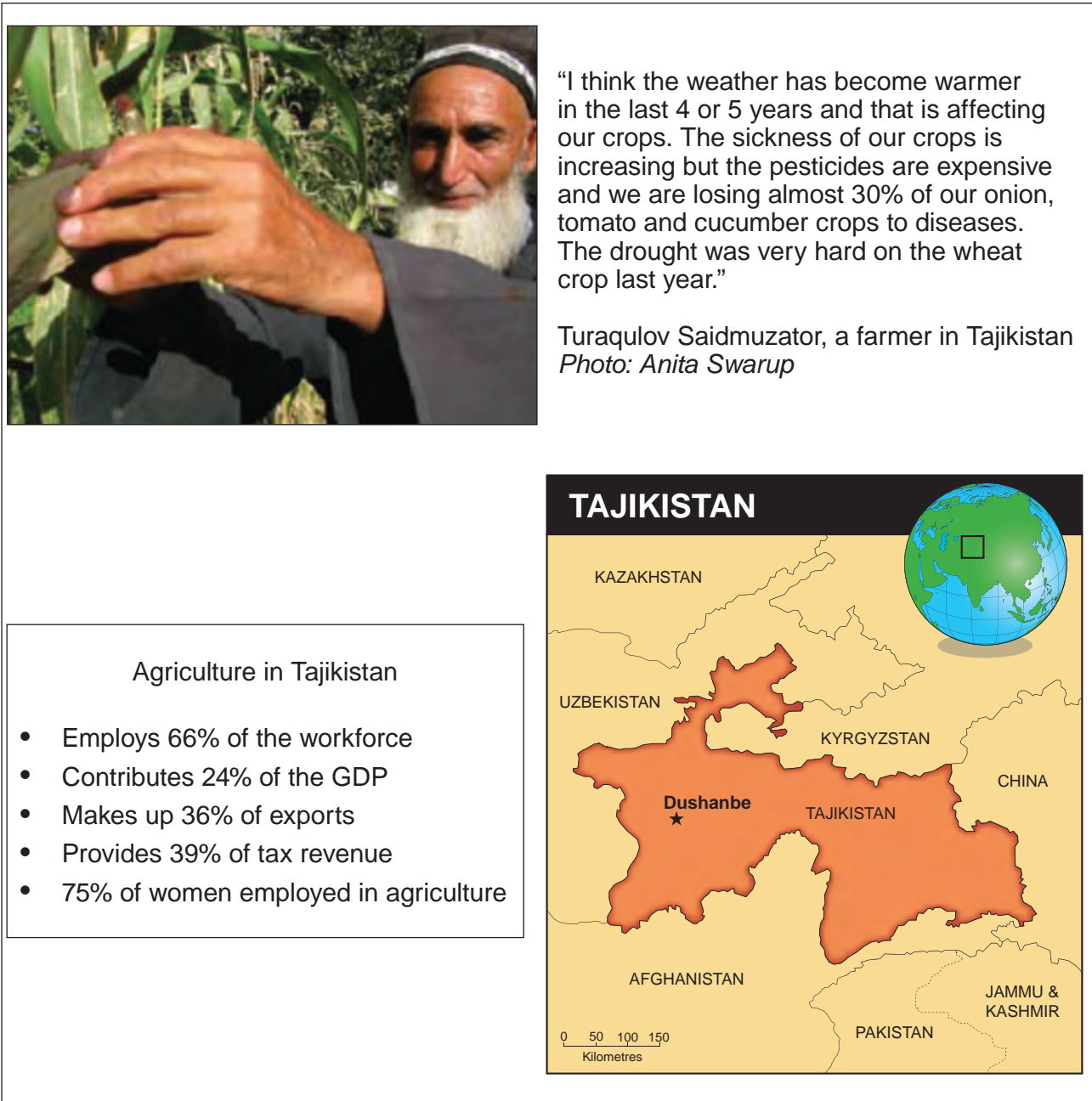
**THIS PAPER REQUIRES THAT YOU MAKE THE FULLEST POSSIBLE USE OF APPROPRIATE EXAMPLES IN SUPPORT OF YOUR ANSWERS. SKETCH-MAPS AND DIAGRAMS SHOULD BE INCLUDED WHERE RELEVANT.**

## G1 – CHANGING PHYSICAL ENVIRONMENTS

*Answer all questions.*

*Make the fullest possible use of examples in support of your answers.*

**Figure 1: Impacts of climate change in Tajikistan, 2008-2009**

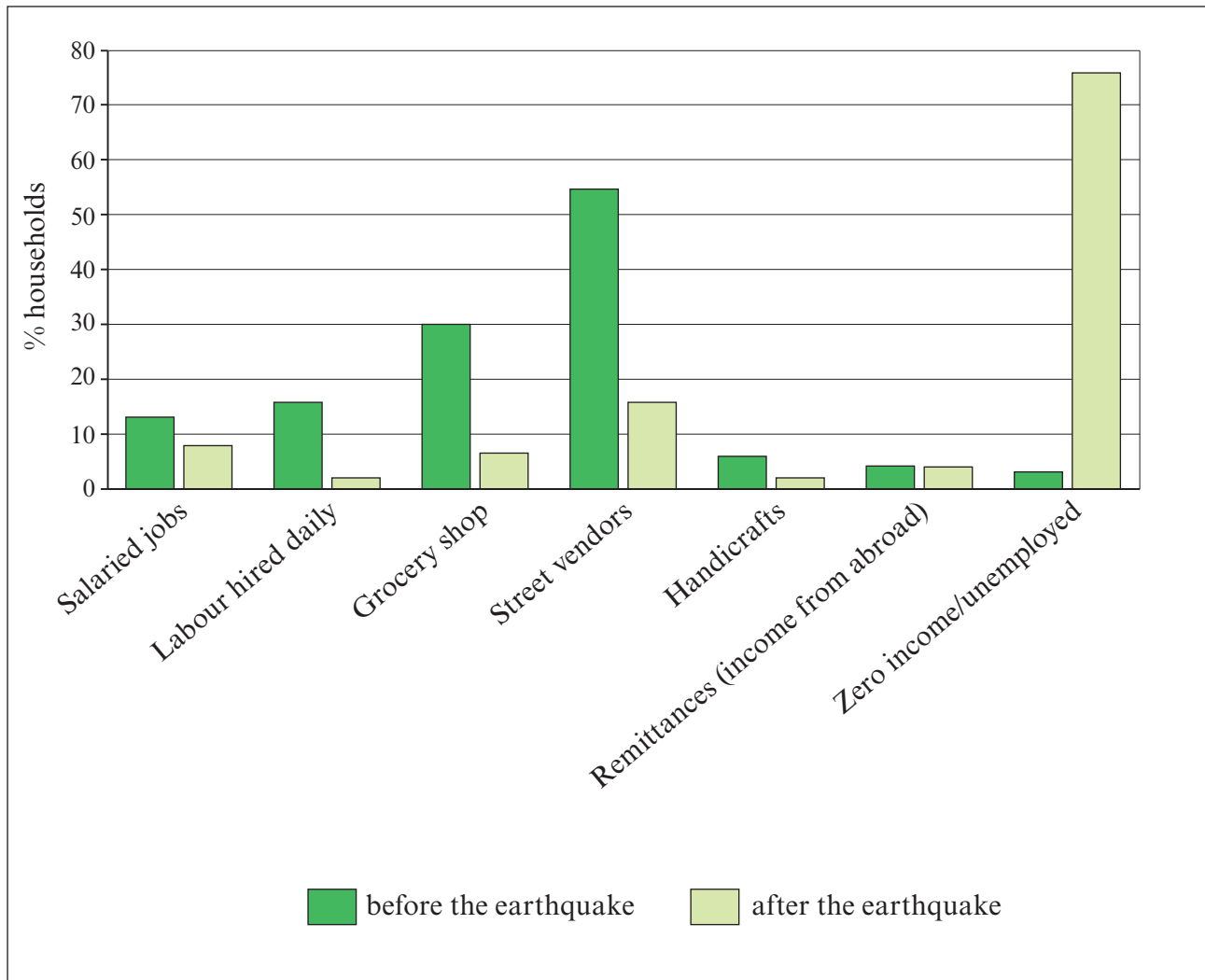


*Source: adapted from Oxfam, World Bank and Relief Web*

1. (a) Use **Figure 1** to describe the impacts of climate change in Tajikistan. [5]
- (b) Describe and explain how **one or more** changes to the physical environment provide evidence for climate change. [10]
- (c) Outline the impacts of extreme weather on human activities. [10]

**Figure 2: Sources of household income in the shanty towns of Port-au-Prince, Haiti, before and after the earthquake of 12 January 2010**

Note: Households may have more than one source of income



Source: <http://www.cashlearning.org/>

2. (a) Use **Figure 2** to compare sources of household income before and after the earthquake. [5]
- (b) Outline the processes operating at destructive plate margins. [10]
- (c) Outline the demographic and social impacts of **one or more** tectonic events. [10]

**Figure 3: Flooding on the Richelieu River, St Jean-sur-Richelieu, Quebec, Canada, May 2011**



**Figure 3a**



**Figure 3b**

*Source: <http://www.sacbee.com>*

3. (a) Use **Figure 3** to outline the consequences of flooding on St Jean-sur-Richelieu. [7]
- (b) Describe **one or more** methods that could be used to gain information on the causes of a flood. [8]
- (c) Discuss **two** limitations of your own investigation into a changing physical environment.  
*You should state clearly the question that you have investigated.* [10]

**END OF PAPER**