

12th International Geography Olympiad

Tver, Russia

11–17 August 2015

Written Response Test

Resource Booklet

Do NOT open the Booklet before instructed to do so by a supervisor.

Do NOT write any of your answers in this Booklet.

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Section A: Weathering

Figure A1: Types of weathering.



Photograph a (http://www.geograph.org.uk/photo/3007965).



Photograph b

Section B: Tropical Storms

Figure B1: Path of Cyclone Hudhud

(http://images.mapsofindia.com/mapinnews/cyclone-hudhud.jpg).



Section C: Mapping Skills and Cold Environments

Figure C1: A photograph of an area of Iceland



Skaflafellsi Skattalellaheidi Halrat Sylnafellalökull Svinafellsheidi 2 km Paved road Marked trail, easy - Gravel road - Trail, difficult Trail, for those with limited mobility Marked trail, difficult Trail, easy ----- Trail, challenging

Figure C2: A large-scale map of an area of Iceland (Skaftafell).

Figure C3: A small-scale map of an area of Iceland (Mál og menning).



Section D: Water Conflicts

RIAN DESERT ISRAEL IRAQ Ghazah Gaza City) Amman DES Jerusalem Werusalayim, Al Quds) JORDAN Alexandri a ales Basre Cair ElGiz AL JAWF NORTHERN BORDERS EGY (P Т 1 B TA'BUK HA IL E 5 Ad 1 QASIM MADINAH A • Medina Riyadh TR AR RIYAD MAKKAH leddah UDI S А · Mecca ٠ AL BAHAH ASIR NAJRAN **JIZAN** SUDAN ERITREA YEM Asmara Sanaa hartoum Gulf DIIBOUTI . Hargeysa . Addis Ababa SOMALILA ETHLOPIA TH sou SUD N REPUBLIC Juba SOMALIA ORIE NTALE Ular. MOCRATIC OF UBLIC Muqdishi (Mogadis UGANDA CONGO Kisangani E KENYA Kampala BASIN Nairobi NORD Lake ATEUR Kigali . Kilimanjaro RW SUD-KIVU 5895 m KASAL-ORIEN TAL 500 250 BURUNDI hin Buiumbura

Figure D1: A physical and political map of the Nile Basin (adapted with ArcGIS 10.0).

Figure D2: Grand Ethiopian Renaissance Dam

(http://www.power-technology.com/projects/the-grand-renaissance-hydroelectric-project, http://e360.yale.edu/feature/ on_the_river_nile_a_move_to_avert_a_conflict_over_water/2855).



Figure D3: Solar panels provide electricity for villages in Egypt with no access to centralised power. They provide sustainable solutions for the supply of water, for example from groundwater sources

(http://www.dakakgroup.com/en/solar-products-egypt/solar-water-pump.htm).



Section E: Living in Slums



Figure E1: Satellite image of Petare slum in Caracas, Venezuela, 2010.



Figure E2: Map showing urban land use in Madras (Chennai), India (Diercke International Atlas).



Figure E3: Socio-economic structure of the slum population in Madras (Chennai), India, 2006 (UN-HABITAT).

Geography and Cultural Diversity

Figure F1: Traditional houses around the world (a–d).



Photograph a (http://en.wikipedia.org).

Photograph b (http://amazingezone.com).



Photograph c (http://www.theluxuryspot.com).

Photograph d (http://www.traveladventures.org).



Figure F2: Map of South America's indigenous languages (http://www.languagesgulper.com/eng/Southmap.html).