2019 USGO Map Examination - Key and Marking Scheme (Middle School)

Section 1 [15 points]

Grading notes: Questions 1, 3, 4 and 5 are point marked, question 2 is level marked.

Expected answers:
1. [1 point per answer] roads – 0; A distance – 2 miles; B distance - .9 miles; SE Rim – 4 campsites; toilet - .5 miles (accept .4 to .6)

2. [2 points] the scale of the map is too small to measure precise distance, also the trails aren't straight [reasonable equivalents accepted]

3. [1 point per answer] F; F

4. [1 point per answer] contour lines; elevation or change in height [reasonable equivalents accepted]

5. [1 point per answer, 1 extra point for all 3 correct] A; D; D

Section 2 [10 points]

Grading notes: Question 1 is level marked, all others are point marked.

Expected answers:
1. [2 point] metropolitan areas (or conurbations) with a total population of 10 million or more people or cities with over 5 million people and a population density of 2,000 per square kilometer [any reasonable formulation of this information is acceptable]

2. [1 point] 10 million

3. [1 point per answer] 1980 – North America; 2010 – Asia

4. [1 point per answer] percentage – Mexico City; number – Tokyo

5. [1 point per answer] Lack of amenities; Poor water supply and sanitation; Hard farm work; Lack of employment opportunities; Drought and crop failure; More jobs; Conflict/ civil war; Better quality of life [other reasonable answers accepted; do not credit opposites]

Section 3 [10 marks]

Grading notes: Question 1 is point marked, question 2 is level marked.

Expected answers:
1. [1 point per answer] T; F; F; F; F; F

2. [4 points] various acceptable answers, but should link oil consumption with consumerism, production and transportation of goods, automobile ownership, etc. [accept any reasonable answers, award points for well-developed thoughts and arguments and for multiple reasons given]

Section 4 [15 points]

Grading notes: All questions are point marked.

Expected answers:
1. [1 point per answer] Sahara; A

2. [1 point per answer] temperature - hot-month average temperatures are normally between 29 and 35 °C (84 and 95 °F), much lower temperatures at night; rainfall – less than 25cm (10 inches) of precipitation per year [be lenient on numbers, but some reasonable numbers must be included]

3. [5 points] mesa - an elevated area of land with a flat top and sides that are usually steep cliffs. It takes its name from its characteristic table-top shape. It may also be called a table hill, table-topped hill or table mountain. It is larger than a butte, which it otherwise resembles closely; mesas form by weathering and erosion of horizontally layered rocks that have been uplifted by tectonic activity; butte

4. [6 points] F; T; F; F; F; F