

2019 USGO Written Examination - Key and Marking Scheme (Elementary School)

Section 1 [15 points]

Grading notes: All questions are point marked.

Expected answers:

1. [1 point per answer] flora – E; fauna – A; domesticated – F; biodiversity – C
2. [1 point per correct answer, 1 bonus point for all 4 correct] climate change, pollution, exploitation of organisms and invasion of alien species should be circled
3. [1 point per answer] T; F; T; F; F

Section 2 [10 points]

Grading notes: All questions are point marked.

Expected answers:

1. [1 point] tundra
2. [1 point] boreal forest (do not accept taiga here as it is not on the diagram)
3. [1 point per answer] central Alaska – boreal forest; Adirondack Park – temperate forest; Baja California – chaparral; Borneo – tropical forest; Las Vegas – (hot) desert; Serengeti – grassland (do not accept savannah as it is not on the diagram)
4. [1 point per answer] F; F

Section 3 [10 marks]

Grading notes: All questions are point marked.

Expected answers:

1. [1 point per answer] F; F; F; T; F
2. [1 point per answer] intrusive [accept word forms, but really this is the precise term]; magma [do not accept lava because that is the extrusive form of magma]
3. [1 point per answer] igneous and metamorphic
4. [1 point] sediment [do not accept sedimentary rock, because that is formed at D]

Section 4 [15 points]

Grading notes: All questions are point marked.

Expected answers:

1. [1 point per answer] Richter scale; intensity; Haiti; New Zealand; China
2. [1 point per answer] A – Haiti; B – Pakistan; C – Japan; D – Iran
3. [1 point per answer] F; F; T; T; F; F

Section 5 [15 points]

Grading notes: All questions are point marked.

Expected answers:

1. [1 point per answer] population growth – A; highest life expectancy – B; shrinking population – B; 3% in 70s – C; 1.1% growth – C; lowest life expectancy – A
2. [1 point per answer] F; T; T; T; T; T
3. [1 point per answer] high median income; high access to healthcare; large urban population