GRE Quantitative Reasoning Practice Test

Section: GRE General Test Exams • **Total Questions:** 10 • **Format:** Verified Q&A

1. If z = x + y and x is 2.5 percent of z, where x, y, and z are positive numbers, which of the following is the ratio of y to x?

(A) 41 to 1
(B) 40 to 1
(C) 39 to 1
(D) 35 to 1
(E) 32 to 1

2. The ocean's heat capacity (the amount of heat needed to change its temperature) is far greater than that of dry land and thus _____ the ocean's seasonal temperature changes.

(A) reflects
(B) mutes
(C) alters
(D) determines
(E) attenuates
(F) parallels

3. For Chicago, the daily high temperature is what percent greater than its daily low temperature?

(A) 14%
(B) 41%
(C) 56%
(D) 70%
(E) 90%

4. The author mentions 'maize (Zea mays)' primarily in order to

(A) acknowledge that domesticated crops with certain features likely originated in similar ecosystems
(B) emphasize that domestication of wild plants has resulted in a wide range of now-common food crops
(C) cite a species that differs from its wild progenitor in the size of some of its plant structures
(D) provide evidence that certain traits shared by many domesticated plants are advantageous

5. The passage suggests that ostensible support for Gunn Allen's claim about the Laguna stories that Silko used in Ceremony is provided by which of the following?

> *This passage is adapted from material published in 2001.*
> *For Paula Gunn Allen, a Laguna Indian writer, the traditional Laguna stories that appear in Leslie Marmon Silko's novel Ceremony (1977) constitute evidence of improper publication of secret clan material. Silko herself has stated that the source of these stories is Laguna oral tradition, a tradition she experienced directly growing up on the Laguna Pueblo reservation in New Mexico. Yet though Silko may have recalled the gist of any number of such stories prior to writing Ceremony, it is also the case that all but two of the traditional stories in the novel are known to have been taken, sometimes verbatim, from preexisting ethnographic print texts rather than immediately from remembered oral performance. Even if we agree with Gunn Allen that the original performers and transcribers of these stories might have been guilty of violating clan secrets, the fact that such texts exist in print outside Ceremony, and existed well before Silko was born, puts a very different face on the charge of giving away cultural property. Rather than revealing clan secrets, Silko is repatriating Laguna "artifacts," rescuing them from their status as lifeless ethnographic museum pieces and returning them to circulation as part of an ongoing, living story*

(A) Comments that Silko herself has made

(B) Silko's unusual treatment of the stories in the novel

(C) The fact that print versions of the stories existed well before Silko was born

(D) The fact that all but two of the stories are taken directly from ethnographic print texts

(E) The unlikelihood that Silko could have recalled anything more than the gist of such stories when writing Ceremony

---

6. A circular cylinder has radius r and height h. A second cylinder has radius 2r and height 2h. What is the volume of the second cylinder in terms of V = ?rÃƒâ€š²h?

(A) 2V

(B) 4V

(C) 6V

(D) 8V

(E) 16V

---

7. Select the two answer choices that complete the sentence: Researchers comparing test subjects' ability to interpret facial expressions found that while some expressions were easy to interpret, others were difficult because they were so _____ the person making the expression.

(A) habitual for

(B) customary for

(C) idiosyncratic to

(D) opaque to

(E) inoffensive to

---

8. Select the two answer choices that complete the sentence with the same meaning: Researchers comparing subjects' ability to interpret facial expressions found that some expressions were difficult because they were so _____ to the person making the expression.

(A) habitual for

(B) customary for

(C) idiosyncratic to

(D) opaque to

(E) inoffensive to

---

9. The _____ of the folktales in this collection does not inhibit the conveyance of important lessons; indeed, the didactic effect would be lost if the stories were more protracted.

(A) gaiety

(B) simplicity

(C) whimsy

(D) brevity

(E) sobriety

(F) economy

---

10. List S contains 25 distinct integers from 0 to 50 inclusive. List T is formed by adding 50 to every integer in S. List R merges S and T. Quantity A: the median of R. Quantity B: twice the median of S.

(A) Quantity A is greater.

(B) Quantity B is greater.

(C) The two quantities are equal.

(D) The relationship cannot be determined from the information given.