GRE Quantitative Reasoning Practice Problems

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

1. The author mentions 'women's daily realities' primarily in order to

> *A longstanding scholarly neglect of the subject of cooking is partly attributable to the antiquated 'separate spheres' schema that differentiated a private female sphere, which included food preparation and consumption, from a public male sphere, which included food production. While this concept never reflected most women's daily realities-women are major food producers worldwide-the ideological polarization certainly influenced the development of academia; it effectively segregated women into working in low-status 'domestic' disciplines such as dietetics and home economics, while the male-dominated realms of industrial agriculture, food technology, mass retailing, and corporate management enjoyed public respect and academic prestige. This institutionalized bias delayed serious attention to cooking even after feminists in the 1960s obliterated the notion of separate spheres and more women entered all areas of academia.*

(A) point out an implication of a claim made earlier in the passage
(B) emphasize a common feature of apparently diverse activities
(C) identify a shortcoming of a particular conceptual framework
(D) identify certain contradictory views about women's labor
(E) reinforce a view summarized at the beginning of the passage

2. Plans for renovation of the widely revered central library faced immediate criticism, including concerns that it would become a glorified coffee shop, but the architect insisted that he knew better than to _____ a masterpiece.

(A) profane
(B) overlook
(C) censure
(D) desecrate
(E) festoon
(F) neglect

3. A rectangular garden has a perimeter of 28 meters and an area of 45 square meters. What is the ratio of the length of the shorter side to the length of the longer side?

(A) 2 to 3
(B) 3 to 5
(C) 4 to 5
(D) 5 to 9

---

4. List S consists of 25 different integers. The least and greatest integers in S are 0 and 50, respectively. The integers in list T are obtained by adding 50 to each integer in S. List R consists of the 50 values in S and T combined. Quantity A: The median of the integers in R. Quantity B: 2 × the median of the integers in 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.

---

5. In 1994, if 20 percent of the first-year students who took the placement exam received a score of 85 or higher, approximately what percent of all first-year students received a score of 85 or higher on the placement exam that year?

(A) 30%
(B) 22%
(C) 18%
(D) 9%
(E) 4.50%

---

6. The vertices of an octagon will be labeled with the letters A. B. C. D. E. F. G. and H. not necessarily in that order. If one vertex is labeled A, which of the following is equal to the number of possible orderings of the labels for the remaining vertices?

(A) 7!
(B) 8!
(C) 7!/8
(D) 8!/7
(E) 8!/7!

---

7. Chicago's centennial celebration of the Burnham plan includes the construction of pavilions by two architects whose allegiance to the avant-garde makes them incongruous choices, given that Burnham _____ the avant-garde.

(A) foreshadowed
(B) avoided
(C) detested
(D) anticipated
(E) satirized
(F) abhorred

---

8. Which of the following most accurately characterizes the 'better-documented view'?

> *Scientists' view of climate variability during the Holocene era (the geological period extending from about 11,000 years ago to the present) is rapidly changing, based in part on increased knowledge of large-scale climate systems such as the Southern Oscillation ("El Niño"), the North Atlantic Oscillation, the Asian monsoon, and the Pacific-North American pattern-all of which interact and impart climate variability to far-flung areas of the globe. There is also a greater appreciation for the diversity of climate variability. Early notions of globally synchronous cooling and warming, such as the Little Ice Age and Medieval Warm Period, have given way to a better-documented view that late Holocene climate variability is expressed as multidecadal temperature anomalies that tend to be region-specific.*

(A) Periods of cooling and warming throughout the Holocene have been characterized by small variations in temperature.
(B) Climate variability during the late Holocene era was not globally synchronous.
(C) The Little Ice Age and Medieval Warm Period were typical of periods of global climate change that have occurred within the last 11,000 years or so.
(D) The notion that climate variability is region-specific rather than global is based on an inaccurate understanding of how large-scale climate systems interact.
(E) Large-scale climate systems have had much less effect on global climate than earlier research suggested.

---

9. The function f is defined by f(x) = v(x) - 2 for all numbers x >= 0. If f(f(v)) = 0 and v >= 4 what is the value of v?

(A) 8
(B) 8v(2)
(C) 16
(D) 16v(2)
(E) 36

---

10. The Holy People in Navajo sacred narratives do not act as _____ when they teach; it is as often by what they do wrong as by what they do right.

(A) agents
(B) arbiters
(C) defenders
(D) paragons
(E) ethicists
(F) exemplars