

GRE考试试题:GRE北美试题20 (3) PDF转换可能丢失图片或格式 , 建议阅读原文

https://www.100test.com/kao_ti2020/123/2021_2022_GRE_E8_80_83_E8_AF_95_E8_c86_123952.htm SECTION 5 Questions 1-3 Six employees-L, M, N, O, P, and R-are being assigned to offices, each of which can accommodate two persons and no more than two. Each person must be assigned to exactly one office and must be assigned to that office either alone or else together with one other member of the group of six. Enough offices are available to permit any possible assignment of group members to offices, but the following restrictions must be observed: M cannot share an office with N. N cannot share an office with O. P and R must share an office together.

1. Which of the following pairs of employees can be assigned to one office together? (A) L and O (B) L and R (C) N and O (D) M and N (E) P and M

2. If N is assigned to an office alone, which of the following must be true? (A) No one other than N is assigned to an office alone. (B) L shares an office with O. (C) M is assigned to an office alone. (D) The group occupies either 4 or 5 offices. (E) The group occupies either 3 or 6 offices.

3. If P and R are the only ones who shares an office, how many offices are the minimum that can accommodate the group? (A) 2 (B) 3 (C) 4 (D) 5 (E) 6

4. During the month of July in City X, the humidity was always 80 percent of higher whenever the temperature was 75 ° F or higher. Temperatures that month ranged from 65 ° to 95 ° F. If the statements in the passage above are true, which of the following CANNOT be an accurate report of a temperature and humidity

reading for City X in July? (A) 77 ° F 81% (B) 76 ° F, 80% (C) 75 ° F 79% (D) 74 ° F, 78% (E) 73 ° F, 77%

5. Anyone who has owned a car knows that saving money in the short run by skimping on relatively minor repairs and routine maintenance will prove very costly in the long run. However, this basic truth is often forgotten by those who call for reduced government spending on social programs. Which of the following is NOT implied by the analogy above as a point of comparison? (A) Money that is spent on repairs and maintenance helps to ensure the continued functioning of a car. (B) Owners can take chances on not maintaining or repairing their cars. (C) In order to keep operating, cars will normally need some work. (D) The problems with a car will become worse if they are not attended to. (E) A car will last for only a limited period of time and then must be replaced.

Which of the following, if true, would be most damaging to the argument above, provided that the athlete's heart rate is the same at high and low altitudes? (A) Scientists have found that an athlete's heart requires a period of time to adjust to working at high altitudes. (B) Scientists have found that the body's total volume of blood declines by as much as 25 percent at high altitudes. (C) Middle-distance runners who train at high altitudes sometimes lose races to middle-distance runners who train at sea level. (D) The performances of athletes in competitions at all altitudes have improved markedly during the past twenty years. (E) At altitudes above 5,500 feet, middle-distance runners often better their sea-level running times by several seconds.

Questions 7-13

When they hold a meeting, seven company executives—T, U, V, W,

X, Y, and Z sit at a rectangular table. Three executives sit along one side of the table, and three sit along the other side, each directly opposite one of the other three. The seventh sits at the head of the table. There is no seat at the foot of the table. U always sits in one of the two seats farthest from the head of the table. Y and V always sit next to each other. V never sits next to Z. If Z does not sit at the head of the table, W sits there.

7. Which of the following is an acceptable seating arrangement of the executives, starting with U, moving toward the head of the table, and continuing around the table? (A) U, X, T, Z, V, Y, W (B) U, T, X, Z, Y, V, W (C) U, X, Z, Y, V, W, T (D) U, Z, W, X, V, Y, T (E) U, T, X, W, Z, V, Y

8. If W sits directly opposite T, X must sit next to which of the following executives? (A) T (B) U (C) V (D) Y (E) Z

9. If T sits directly opposite Z and next to V, which executive must sit directly opposite U? (A) V (B) W (C) X (D) Y (E) Z

10. If Z sits directly opposite X, which executive must sit next to U? (A) T (B) V (C) W (D) Y (E) Z

11. If T and U sit immediately on either side of X, the executive sitting directly opposite X must be either (A) W or V (B) W or Z (C) Y and V (D) Y or Z (E) Z or V

12. If W sits directly opposite U and next to T, the two executives sitting immediately on either side of X must be (A) Y and V (B) Y and W (C) T and Z (D) T and V (E) Z and W

13. If Z sits at the head of the table, Y directly opposite U, and V immediately on X's left, what is the total number of possible seating arrangements of the executives? (A) 1 (B) 2 (C) 3 (D) 4 (E) 5

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