

GRE Mathematics Practice Test 46

Advanced Challenge

English edition / 66 multiple-choice questions

66

Questions

170

Minutes

A–E

One correct choice

Instructions

Choose exactly one answer for each question. Do not use a calculator. Begin timing at Question 1. Use the space provided or separate scratch paper. The answer key follows Question 66; no solutions are included.

Angles are measured in radians. Unless specified otherwise, logarithms are natural, $\mathbb{N} = \{1, 2, 3, \dots\}$, and distances in $\mathbb{R}^n$ are Euclidean. I_n denotes the $n \times n$ identity matrix. Graphs are finite and simple unless stated otherwise.

Difficulty target

The most demanding form in this five-test cycle. Emphasis on connected ideas, non-routine reasoning, and careful conceptual distinctions. This is cycle 9 of 19, position 1 of 5; difficulty decreases within each cycle.

Difficulty labels are editorial targets, not ETS-equated ratings. No official scaled-score conversion is provided.

Coverage

Calculus / 33	Differential and integral calculus, sequences and series, several variables, vector calculus, and differential equations.
Algebra / 17	Elementary and linear algebra, groups, rings, fields, and number theory.
Additional / 16	Probability, statistics, analysis, topology, complex variables, discrete mathematics, and numerical methods.

zarimion.com/gre

100 practice tests, complete answer keys, and future updates.

Please retain the source attribution when sharing this material.



This series uses independently written question families and parameter variants. Related mathematical structures recur across forms; these are training forms, not 95 psychometrically independent official exams.

Scope reference: ETS, *GRE Mathematics Test Practice Book*, ETS official practice-book PDF. Questions are not taken from that book. This booklet is not published or endorsed by ETS.

Questions 1–3

1. Evaluate $\int_0^1 \frac{x^5}{1+10x^6} dx$.

- (A) $\log(11)$
- (B) $\frac{\log(11)}{10}$
- (C) $\frac{\log(11)}{6}$
- (D) $-\frac{\log(11)}{60}$
- (E) $\frac{\log(11)}{60}$

2. For $A = \begin{bmatrix} 1 & 0 \\ 1 & 1 \\ 1 & 2 \end{bmatrix}$ and $b = \begin{bmatrix} 42 \\ 9 \\ 51 \end{bmatrix}$, let x minimize $\|Ax - b\|^2$. Find the minimum squared residual.

- (A) 938
- (B) $\frac{1877}{2}$
- (C) $\frac{1875}{2}$
- (D) 937
- (E) $\frac{1873}{2}$

3. For which positive integer m does $\sum_{j=2}^{\infty} \frac{(-1)^j (x-10)^j}{j^{\frac{5}{3}} (\log j)^m}$ converge absolutely at $x = 9$? Give the least such m , or 0 if none exists.

- (A) 3
- (B) 0
- (C) 4
- (D) 1
- (E) 2

Questions 4–6

4. X, Y are independent Poisson variables with means 18 and 19. Given $X + Y = 20$, find $\text{Var}(X | X + Y)$.

- (A) $\frac{3420}{1369}$
- (B) $\frac{9578}{1369}$
- (C) $\frac{13680}{1369}$
- (D) $\frac{8209}{1369}$
- (E) $\frac{6840}{1369}$

5. For the curve $x = t^6$, $y = t^7 + 10t$, find d^2y/dx^2 at $t = 1$.

- (A) $-\frac{43}{36}$
- (B) $-\frac{5}{3}$
- (C) $\frac{19}{12}$
- (D) $\frac{17}{6}$
- (E) $-\frac{43}{6}$

6. What is the coefficient of x^8 in $(x + 9)^8(1 - x)^3$?

- (A) -34233
- (B) -34236
- (C) -34237
- (D) -34235
- (E) -34234

Questions 7–9

7. Evaluate $\lim_{x \rightarrow 0} \frac{\sin(10x) - \sum_{j=0}^4 (-1)^j (10x)^{2j+1} / (2j+1)!}{x^{11}}$.
- (A) $\frac{1}{10} \left(\frac{(-1)^5 10^{11}}{11!} \right)$
(B) $-\frac{(-1)^5 10^{11}}{11!}$
(C) $\frac{(-1)^5 10^{11}}{11!}$
(D) $10 \left(\frac{(-1)^5 10^{11}}{11!} \right)$
(E) $11 \left(\frac{(-1)^5 10^{11}}{11!} \right)$
8. X, Y are independent, with variances 18 and 19. Find $\text{Cov}(X + 2Y, 3X - Y)$.
- (A) 21
(B) 11
(C) 26
(D) 16
(E) 6
9. The solution of $y' = 10x^5 y^2$, $y(0) = 1$, has its first positive singularity at which x ?
- (A) $\frac{10^{\frac{5}{6}} \sqrt[6]{3}}{10}$
(B) $\frac{\sqrt[6]{3} \cdot 5^{\frac{5}{6}}}{5}$
(C) $\frac{10^{\frac{5}{6}}}{10}$
(D) $\frac{3}{5}$
(E) $\frac{3^{\frac{5}{6}} \sqrt[6]{5}}{3}$

Questions 10–12

10. A matrix A satisfies $(A - 43I)(A - 45I) = 0$, and its minimal polynomial has degree two. If $A^5 = uA + vI$, find u .

- (A) $5 \cdot 101 \cdot 281 \cdot 661$
- (B) $2 \cdot 101 \cdot 281 \cdot 661$
- (C) 185741
- (D) $3 \cdot 101 \cdot 281 \cdot 661$
- (E) $101 \cdot 281 \cdot 661$

11. Find the curvature of the helix $r(t) = (10 \cos t, 10 \sin t, 6t)$.

- (A) $-\frac{5}{68}$
- (B) $\frac{5}{136}$
- (C) $\frac{5}{34}$
- (D) $\frac{5}{68}$
- (E) $\frac{73}{68}$

12. X has density cx^{18} on $0 < x < 1$ and zero elsewhere. Find $E[X^2]$.

- (A) $\frac{20}{21}$
- (B) $\frac{19}{42}$
- (C) $\frac{2}{21}$
- (D) $\frac{19}{21}$
- (E) $\frac{19}{63}$

Questions 13–15

13. For $T = \{x, y, z \geq 0 : x + y + z \leq 1\}$, evaluate $\iiint_T x^{10}y^5 dV$.

- (A) $\frac{1}{66}$
- (B) $\frac{1}{6} \left(\frac{10!5!}{18!} \right)$
- (C) $\frac{10!5!}{18!}$
- (D) $18 \left(\frac{10!5!}{18!} \right)$
- (E) $6 \left(\frac{10!5!}{18!} \right)$

14. Let $V = \begin{bmatrix} 1 & 42 & 1764 \\ 1 & 44 & 1936 \\ 1 & 47 & 2209 \end{bmatrix}$. Find $\det(V^T V)$.

- (A) 898
- (B) 899
- (C) 901
- (D) 900
- (E) 902

15. Evaluate $\int_0^{\log 2} e^x (e^x + 10)^6 dx$.

- (A) $\frac{12^7 - 11^7}{7}$
- (B) $12^6 - 11^6$
- (C) $-\frac{12^7 - 11^7}{7}$
- (D) $7 \left(\frac{12^7 - 11^7}{7} \right)$
- (E) $\frac{12^7}{7}$

Questions 16–18

16. Independent exponential waiting times X, Y have rates 18 and 20. Find $E[\min(X, Y)]$.

- (A) $\frac{1}{114}$
- (B) $\frac{39}{76}$
- (C) $\frac{1}{38}$
- (D) $\frac{1}{76}$
- (E) $\frac{37}{38}$

17. Evaluate $\lim_{x \rightarrow 0} \frac{e^{10x} - \sum_{j=0}^5 (10x)^j / j!}{x^6}$.

- (A) $720 \left(\frac{10^6}{6!} \right)$
- (B) $-\frac{10^6}{6!}$
- (C) $6 \left(\frac{10^6}{6!} \right)$
- (D) $\frac{1}{10} \left(\frac{10^6}{6!} \right)$
- (E) $\frac{10^6}{6!}$

18. Let $u = (1, 2, \dots, 48)^T$, $v = (1, 1, \dots, 1)^T$, and $B = I + uv^T$. Find $v^T B^{-1} u$.

- (A) $\frac{1175}{2354}$
- (B) $\frac{2354}{3529}$
- (C) $\frac{2354}{5883}$
- (D) $\frac{2354}{2353}$
- (E) $\frac{1177}{1176}$

Questions 19–21

19. Find the upward flux of $\mathbf{F} = (x, y, z)$ through $z = 10x^2 + 6y^2$, $0 \leq x, y \leq 1$.

- (A) $-\frac{16}{3}$
- (B) $-\frac{32}{3}$
- (C) $\frac{16}{3}$
- (D) $-\frac{8}{3}$
- (E) $-\frac{13}{3}$

20. $X_1, \dots, X_{18}$ are independent with common mean and variance 20. With $\bar{X}$ their sample mean, find $E[\sum_i (X_i - \bar{X})^2]$.

- (A) 453
- (B) 340
- (C) 114
- (D) 227
- (E) 566

21. Let $\mathbf{F} = (10y^6, z^6, x^6)$. Find $(\nabla \times \mathbf{F})(1, 1, 1) \cdot (1, 1, 2)/\sqrt{6}$.

- (A) $-44\sqrt{6}$
- (B) $-22\sqrt{6}$
- (C) $-11\sqrt{6}$
- (D) $1 - 22\sqrt{6}$
- (E) $22\sqrt{6}$

Questions 22–24

22. Let $D = \text{diag}(\underbrace{1, \dots, 1}_8, \underbrace{2, \dots, 2}_{40})$. Find the dimension of the space of real matrices X with $XD = DX$ and $\text{tr } X = 0$.

- (A) 1661
- (B) 1663
- (C) 1664
- (D) 1665
- (E) 1662

23. Find the arc length of $r(t) = (10(t - t^3/3), 10t^2)$ for $0 \leq t \leq 1/6$.

- (A) $\frac{545}{324}$
- (B) $-\frac{545}{324}$
- (C) $\frac{545}{162}$
- (D) $\frac{648}{545}$
- (E) $\frac{869}{324}$

24. A continuous $f : \mathbb{R} \rightarrow \mathbb{R}$ satisfies $f(q) = q^{13}$ for every rational q . Find $f(2)$.

- (A) 2^{13}
- (B) 2^{16}
- (C) 2^{15}
- (D) 2^{14}
- (E) 2^{12}

Questions 25–27

25. What is the maximum of x^6y^{10} over $x, y \geq 0$ subject to $x + y = 1$?

- (A) $16 \left(\left(\frac{6}{16} \right)^6 \left(\frac{10}{16} \right)^{10} \right)$
- (B) $\left(\frac{6}{16} \right)^{10} \left(\frac{10}{16} \right)^6$
- (C) $\left(\frac{6}{16} \right)^6 \left(\frac{10}{16} \right)^{10}$
- (D) $\frac{1}{2^{16}}$
- (E) $\frac{15}{64}$

26. When $x^3 + 1$ is divided by $(x - 43)(x - 44)$, the remainder is $ux + v$. Find u .

- (A) 5676
- (B) 5678
- (C) 5679
- (D) 5677
- (E) 5675

27. Two solutions of $y'' + 10x^6y' + 6y = 0$ have Wronskian $W(0) = 1$. Find $W(1)$.

- (A) $e^{-\frac{10}{7}}$
- (B) $\frac{1}{2e^{\frac{10}{7}}}$
- (C) $-\frac{1}{e^{\frac{10}{7}}}$
- (D) $\frac{2}{e^{\frac{10}{7}}}$
- (E) $e^{-\frac{10}{7}} + 1$

Questions 28–30

28. Find the radius of convergence of $\sum_{k \geq 1} k^2 z^{2k} / 13^{2k} + \sum_{k \geq 0} z^{2k+1} / (14)^{2k+1}$.

- (A) 17
- (B) 9
- (C) 13
- (D) 21
- (E) 5

29. If $y'' - 20y' + 100y = 6e^{10x}$ and $y(0) = y'(0) = 0$, find $y(1)$.

- (A) $3e^{10}$
- (B) $1 + 3e^{10}$
- (C) $6e^{10}$
- (D) $-3e^{10}$
- (E) $\frac{3e^{10}}{2}$

30. Let $P = \text{diag}(\underbrace{1, \dots, 1}_3, \underbrace{0, \dots, 0}_{46})$. What is the dimension of the space of 49×49 real matrices X satisfying $PX = X$ and $XP = 0$?

- (A) 139
- (B) 137
- (C) 136
- (D) 140
- (E) 138

Questions 31–33

31. Find the coefficient of x^4 in $e^{5x} \log(1 + 10x)$.

- (A) -30000
- (B) 1250
- (C) -2500
- (D) -1250
- (E) -1240

32. On $[0, 1]$, f is 13 on rationals and $1/13$ on irrationals. Find its upper Darboux integral minus its lower Darboux integral.

- (A) $\frac{84}{13}$
- (B) $\frac{168}{13}$
- (C) $\frac{194}{13}$
- (D) $\frac{336}{13}$
- (E) $\frac{181}{13}$

33. Evaluate $\int_0^{\pi/2} \sin^{13} t \cos^{21} t \, dt$.

- (A) $2 \left(\frac{6! 10!}{2 \cdot 17!} \right)$
- (B) $\frac{6! 10!}{2 \cdot 17!}$
- (C) $17 \left(\frac{6! 10!}{2 \cdot 17!} \right)$
- (D) $\frac{1}{2} \left(\frac{6! 10!}{2 \cdot 17!} \right)$
- (E) $8008 \left(\frac{6! 10!}{2 \cdot 17!} \right)$

Questions 34–36

34. A 3×3 matrix A has characteristic polynomial $(t - 42)(t + 1)(t - 2)$. What is $\text{tr}(A^3 - 2A + I)$?

- (A) 74012
- (B) 74011
- (C) 74010
- (D) 74013
- (E) 74014

35. A lamina occupies $0 \leq x \leq 1$, $0 \leq y \leq 10x$ and has density $\rho(x, y) = x^4y$. Find its centroid coordinate $\bar{x}$.

- (A) $\frac{7}{16}$
- (B) $-\frac{7}{8}$
- (C) $\frac{15}{8}$
- (D) $\frac{7}{4}$
- (E) $\frac{7}{8}$

36. A set with 13 elements has the discrete topology. How many of its subsets are simultaneously open and closed?

- (A) 2^{14}
- (B) 2^{13}
- (C) 2^{15}
- (D) 2^{12}
- (E) 2^{16}

Questions 37–39

37. Find the coefficient of x^6 in $\cos(10x)/(1 - 5x^2)$.

- (A) $-\frac{12500}{9}$
- (B) $-\frac{3875}{9}$
- (C) -310000
- (D) $-\frac{3884}{9}$
- (E) $\frac{3875}{9}$

38. Let N be the 48×48 matrix with ones immediately above the diagonal and zeros elsewhere. Find $\dim(\ker N^{14} / \ker N^7)$.

- (A) 6
- (B) 9
- (C) 8
- (D) 5
- (E) 7

39. Evaluate $\int_0^1 x^{10}(1-x)^5 dx$.

- (A) $11 \left(\frac{10! 5!}{16!} \right)$
- (B) $\frac{1}{6} \left(\frac{10! 5!}{16!} \right)$
- (C) $\frac{10! 5!}{16!}$
- (D) $728 \left(\frac{10! 5!}{16!} \right)$
- (E) $16 \left(\frac{10! 5!}{16!} \right)$

Questions 40–42

40. The circle $|z| = 2$ is traversed counterclockwise. What is $\frac{1}{2\pi i} \int_{|z|=2} \frac{e^z}{z^{14}} dz$?

- (A) $1/26!$
- (B) $13!$
- (C) $1/13!$
- (D) $1/14!$
- (E) $1/12!$

41. Find the total outward flux of $\mathbf{F} = (10x^6y, y^6z, xz^6)$ through the boundary of $[0, 1]^3$.

- (A) 7
- (B) 3
- (C) 6
- (D) -6
- (E) 12

42. How many residues x modulo 72 satisfy $8x \equiv 48 \pmod{72}$ and $2x \equiv 0 \pmod{72}$?

- (A) 4
- (B) 2
- (C) 1
- (D) 3
- (E) 0

Questions 43–45

43. For $f(x, y) = x^2 + 10xy + 6y^2$, what is its maximum directional derivative at $(1, -1)$?

- (A) -2
- (B) $2\sqrt{17}$
- (C) 68
- (D) 10
- (E) -8

44. Find the residue of $z^{13}/(z-1)^3$ at $z = 1$.

- (A) 52
- (B) 26
- (C) 104
- (D) 78
- (E) 130

45. For $x > 0$, $x^2y'' + (-25)xy' + 160y = 0$, $y(1) = 0$, $y'(1) = 1$. Find $y(e)$.

- (A) $-\frac{e^{10}}{6} + 1 + \frac{e^{16}}{6}$
- (B) $\frac{(1 - e^6)e^{10}}{6}$
- (C) $-\frac{(1 - e^6)e^{10}}{12}$
- (D) $-\frac{(1 - e^6)e^{10}}{3}$
- (E) $-\frac{(1 - e^6)e^{10}}{6}$

Questions 46–48

46. The field K has 11^{10} elements. Find the largest possible multiplicative order of a nonzero element of K .

- (A) $11^{11} - 1$
- (B) 11^{10}
- (C) $11^{10} - 1$
- (D) $11^{10} + 1$
- (E) $11^9 - 1$

47. If $y'' + 36y = 10$ and $y(0) = y'(0) = 0$, find $y(\pi/6)$.

- (A) $\frac{5}{18}$
- (B) $-\frac{5}{9}$
- (C) $\frac{5}{9}$
- (D) $\frac{10}{9}$
- (E) $\frac{14}{9}$

48. How many integers in $\{1, \dots, 108\}$ are divisible by 2 or 3?

- (A) 120
- (B) 24
- (C) 48
- (D) 72
- (E) 96

Questions 49–51

49. Let C be the unit circle $x^2 + y^2 = 1$, $z = 6$, counterclockwise viewed from above. Evaluate $\int_C -10y(x^2 + y^2)^5 dx + (10x(x^2 + y^2)^5) dy + 2z dz$.

- (A) 40π
- (B) 10π
- (C) -20π
- (D) 20π
- (E) $1 + 20\pi$

50. Let $G = \mathbb{Z}/282\mathbb{Z} \times \mathbb{Z}/192\mathbb{Z}$. Find the order of G/H , where $H = \{g \in G : 6g = 0\}$.

- (A) 1505
- (B) 1503
- (C) 1506
- (D) 1502
- (E) 1504

51. For $\mathbf{F} = (10x^6y, y^6z, xz^6)$, find $\nabla \cdot \mathbf{F}$ at $(1, 2, 1)$.

- (A) 318
- (B) 319
- (C) -318
- (D) 636
- (E) 159

Questions 52–54

52. Let $F_0 = 0$, $F_1 = 1$, and $F_{k+2} = F_{k+1} + F_k$. How many binary strings of length 18 have no adjacent 1s?

- (A) F_{19}
- (B) F_{20}
- (C) F_{22}
- (D) F_{18}
- (E) F_{21}

53. Let $F(x) = \int_0^x (x-t)^5 e^{10t} dt$. Find $F^{(6)}(0)$.

- (A) 1200
- (B) 0
- (C) 120
- (D) 720
- (E) $\frac{1}{120}$

54. How many group homomorphisms $\mathbb{Z}/282\mathbb{Z} \rightarrow \mathbb{Z}/192\mathbb{Z}$ have image of order 6?

- (A) 2
- (B) 4
- (C) 1
- (D) 3
- (E) 0

Questions 55–57

55. Find the coefficient of x^6 in the Taylor series of $(1 - 10x)^{-2}$ at zero.

- (A) $\frac{1}{10} (7 \cdot 10^6)$
- (B) $7 \cdot 10^6$
- (C) $\frac{1}{7} (7 \cdot 10^6)$
- (D) $2 (7 \cdot 10^6)$
- (E) $\frac{6}{7} (7 \cdot 10^6)$

56. For Newton iteration on $f(x) = x^2 - 324$ near the root $r = 18$, find $\lim_{k \rightarrow \infty} (x_{k+1} - r)/(x_k - r)^2$ for nonterminating convergent iterates.

- (A) $\frac{1}{108}$
- (B) $\frac{1}{72}$
- (C) $\frac{1}{36}$
- (D) $\frac{36}{37}$
- (E) $\frac{35}{36}$

57. Evaluate $\int_0^1 \int_0^x x^{10} y^6 dy dx$.

- (A) $\frac{1}{126}$
- (B) $\frac{1}{18}$
- (C) $\frac{1}{77}$
- (D) $\frac{1}{144}$
- (E) $\frac{1}{119}$

Questions 58–60

58. How many 2-dimensional subspaces does $\mathbb{F}_{23}^7$ have?

- (A) $\frac{(23^9 - 1)(23^9 - 23)}{(23^2 - 1)(23^2 - 23)}$
(B) $\frac{(23^8 - 1)(23^8 - 23)}{(23^2 - 1)(23^2 - 23)}$
(C) $\frac{(23^{10} - 1)(23^{10} - 23)}{(23^2 - 1)(23^2 - 23)}$
(D) $\frac{(23^6 - 1)(23^6 - 23)}{(23^2 - 1)(23^2 - 23)}$
(E) $\frac{(23^7 - 1)(23^7 - 23)}{(23^2 - 1)(23^2 - 23)}$

59. The local inverse $y(x)$ of $x = 10y + y^3$ satisfies $y(0) = 0$. Find $y^{(7)}(0)$.

- (A) $\frac{60480}{10^{10}}$
(B) $10 \left(-\frac{60480}{10^{10}} \right)$
(C) $\frac{1}{10} \left(-\frac{60480}{10^{10}} \right)$
(D) $-\frac{60480}{10^{10}}$
(E) $\frac{1}{5040} \left(-\frac{60480}{10^{10}} \right)$

60. Bisection starts with an interval of length 2^{18} . After 20 interval halvings, what is the maximum distance from the final midpoint to a root remaining in the interval?

- (A) $\frac{1}{8}$
(B) $\frac{1}{24}$
(C) $\frac{1}{16}$
(D) $\frac{7}{8}$
(E) $\frac{9}{16}$

Questions 61–63

61. Evaluate $\iiint_{x^2+y^2+z^2 \leq 10} (x^2 + y^2 + z^2)^5 dV$.

- (A) $\frac{1}{3} \left(\frac{4\pi 10^{\frac{13}{2}}}{13} \right)$
(B) $\frac{4\pi 10^{\frac{13}{2}}}{13}$
(C) $13 \left(\frac{4\pi 10^{\frac{13}{2}}}{13} \right)$
(D) $\frac{1}{2} \left(\frac{4\pi 10^{\frac{13}{2}}}{13} \right)$
(E) $\frac{13}{110} \left(\frac{4\pi 10^{\frac{13}{2}}}{13} \right)$

62. How many monic irreducible polynomials of degree 5 are there over $\mathbb{F}_{23}$?

- (A) $2(23^5 - 23)$
(B) $\frac{3(23^5 - 23)}{5}$
(C) $\frac{2(23^5 - 23)}{5}$
(D) $23^5 - 23$
(E) $\frac{23^5 - 23}{5}$

63. Evaluate $\int_0^1 \int_x^1 10y^6 dy dx$.

- (A) $\frac{5}{4}$
(B) $\frac{5}{3}$
(C) $\frac{10}{7}$
(D) $\frac{5}{28}$
(E) $\frac{5}{5}$

Questions 64–66

64. What is the least positive multiplicative inverse of 2 modulo 37?

- (A) 25
- (B) 19
- (C) 7
- (D) 31
- (E) 13

65. Let $f(x) = \log(1 + 10x)$. Find $f^{(6)}(0)$.

- (A) $\frac{1}{10} \left((-1)^5 5! 10^6 \right)$
- (B) $-(-1)^5 5! 10^6$
- (C) $6 \left((-1)^5 5! 10^6 \right)$
- (D) $(-1)^5 5! 10^6$
- (E) $\frac{1}{6} \left((-1)^5 5! 10^6 \right)$

66. How many elements z of $\mathbb{F}_{11^{10}}$ satisfy $z^{121} = z$?

- (A) 122
- (B) 120
- (C) 121
- (D) 123
- (E) 119

Answer Key

Practice Test 46 / Questions 1–66

Question	Answer	Question	Answer	Question	Answer
1	E	23	A	45	E
2	C	24	A	46	C
3	D	25	C	47	C
4	E	26	D	48	D
5	A	27	A	49	D
6	D	28	C	50	E
7	C	29	A	51	A
8	D	30	E	52	B
9	B	31	D	53	C
10	E	32	B	54	A
11	D	33	B	55	B
12	D	34	A	56	C
13	C	35	E	57	A
14	D	36	B	58	E
15	A	37	B	59	D
16	C	38	E	60	A
17	E	39	C	61	B
18	E	40	C	62	E
19	A	41	C	63	A
20	B	42	E	64	B
21	B	43	B	65	D
22	B	44	D	66	C

zarimion.com/gre

100 practice tests, complete answer keys, and future updates.
Please retain the source attribution when sharing this material.

