

SAT

Sample Question Paper - 2025

Country: US | Duration: 2h 14m | Max Marks: 1600 | Language: English

Negative Marking: No | Total Questions: 98 | QuizVerse AI Tutor

General Instructions:

1. This paper contains 98 questions across 2 section(s): Reading & Writing, Math.
2. Duration: 2h 14m. Maximum marks: 1600.
3. Negative marking: No.
4. Read each question carefully before answering.

Section 1: Reading & Writing (54 Questions)

Q1. Which evidence best supports the author's claim?

- (A) The anecdote in paragraph 1
- (B) The conclusion
- (C) The title
- (D) Statistical data in paragraph 2

Q2. Which sentence best summarizes the main idea?

- (A) The first sentence
- (B) The last sentence
- (C) None of these
- (D) The topic sentence

Q3. The graph supports which claim from the passage?

- (A) Claim in paragraph 1
- (B) Claim in paragraph 3
- (C) Both claims
- (D) Neither claim

Q4. The word 'equivocal' most nearly means:

- (A) gentle
- (B) ambiguous
- (C) certain
- (D) rapid

Q5. The passage's organizational pattern is best described as:

- (A) Compare and contrast
- (B) Spatial
- (C) Cause and effect
- (D) Chronological

Q6. Which revision would most improve sentence clarity?

- (A) Using passive voice
- (B) Adding more adjectives
- (C) Splitting into two sentences
- (D) Removing the subject

Q7. According to the passage, the primary cause was:

- (A) Economic factors
- (B) Political decisions
- (C) Natural disasters
- (D) Social changes

Q8. Which sentence best summarizes the main idea?

- (A) The first sentence
- (B) None of these
- (C) The last sentence
- (D) The topic sentence

Q9. Which revision would most improve sentence clarity?

- (A) Splitting into two sentences
- (B) Adding more adjectives
- (C) Using passive voice
- (D) Removing the subject

Q10. The word 'pernicious' most nearly means:

- (A) beneficial
- (B) harmful
- (C) neutral
- (D) temporary

Q11. The word 'ubiquitous' most nearly means:

- (A) widespread
- (B) expensive
- (C) rare
- (D) invisible

Q12. The function of paragraph 3 is to:

- (A) Conclude the essay
- (B) Provide a counterargument
- (C) Restate the thesis
- (D) Introduce the topic

Q13. Which transition would best connect sentences 3 and 4?

- (A) However
- (B) Similarly
- (C) Meanwhile
- (D) Therefore

Q14. In the passage, the author's tone can best be described as:

- (A) indifferent
- (B) analytical
- (C) hostile
- (D) sarcastic

Q15. Which evidence best supports the author's claim?

- (A) The conclusion
- (B) The anecdote in paragraph 1
- (C) The title
- (D) Statistical data in paragraph 2

Q16. The passage's organizational pattern is best described as:

- (A) Spatial
- (B) Chronological
- (C) Cause and effect
- (D) Compare and contrast

Q17. Which choice provides the most relevant detail?

- (A) Option C: personal anecdote
- (B) Option B: general statement
- (C) Option A: specific data
- (D) Option D: rhetorical question

Q18. The word 'ephemeral' most nearly means:

- (A) short-lived
- (B) mysterious
- (C) permanent
- (D) powerful

Q19. The author's central claim is that:

- (A) Technology is harmful
- (B) Change is impossible
- (C) Innovation requires risk
- (D) Tradition is paramount

Q20. Which word best completes: 'The scientist's ____ approach led to groundbreaking discoveries.'

- (A) reckless
- (B) haphazard
- (C) timid
- (D) methodical

Q21. The graph supports which claim from the passage?

- (A) Claim in paragraph 3
- (B) Claim in paragraph 1
- (C) Both claims
- (D) Neither claim

Q22. Which word best completes: 'The scientist's ____ approach led to groundbreaking discoveries.'

- (A) timid
- (B) reckless
- (C) haphazard
- (D) methodical

Q23. The function of paragraph 3 is to:

- (A) Restate the thesis
- (B) Conclude the essay
- (C) Provide a counterargument
- (D) Introduce the topic

Q24. The author includes the example in paragraph 2 in order to:

- (A) Refute a claim
- (B) Support the thesis
- (C) Create suspense
- (D) Introduce a digression

Q25. Which revision would most improve sentence clarity?

- (A) Removing the subject
- (B) Adding more adjectives
- (C) Using passive voice
- (D) Splitting into two sentences

Q26. The word 'ubiquitous' most nearly means:

- (A) rare
- (B) expensive
- (C) invisible
- (D) widespread

Q27. Which transition would best connect sentences 3 and 4?

- (A) However
- (B) Meanwhile
- (C) Therefore
- (D) Similarly

Q28. Which sentence best summarizes the main idea?

- (A) None of these
- (B) The first sentence
- (C) The last sentence
- (D) The topic sentence

Q29. Which best describes the relationship between the two passages?

- (A) Contradictory
- (B) Complementary
- (C) Sequential
- (D) Unrelated

Q30. The primary purpose of the passage is to:

- (A) tell a story
- (B) describe a scene
- (C) argue a position
- (D) list facts

Q31. In the passage, the author's tone can best be described as:

- (A) sarcastic
- (B) analytical
- (C) indifferent
- (D) hostile

Q32. Which choice most effectively combines the underlined sentences?

- (A) Using a semicolon
- (B) Using 'and'
- (C) Using a dash
- (D) Using 'but'

Q33. Which choice most effectively combines the underlined sentences?

- (A) Using a semicolon
- (B) Using a dash
- (C) Using 'but'
- (D) Using 'and'

Q34. Which choice most effectively combines the underlined sentences?

- (A) Using 'and'
- (B) Using a dash
- (C) Using 'but'
- (D) Using a semicolon

Q35. The author uses the metaphor to:

- (A) confuse readers
- (B) add humor
- (C) digress
- (D) illustrate complexity

Q36. Which evidence best supports the author's claim?

- (A) Statistical data in paragraph 2
- (B) The conclusion
- (C) The title
- (D) The anecdote in paragraph 1

Q37. The author uses the metaphor to:

- (A) confuse readers
- (B) illustrate complexity
- (C) add humor
- (D) digress

Q38. Which choice provides the most relevant detail?

- (A) Option D: rhetorical question
- (B) Option C: personal anecdote
- (C) Option B: general statement
- (D) Option A: specific data

Q39. The author's central claim is that:

- (A) Innovation requires risk
- (B) Tradition is paramount
- (C) Change is impossible
- (D) Technology is harmful

Q40. Which best describes the relationship between the two passages?

- (A) Complementary
- (B) Contradictory
- (C) Sequential
- (D) Unrelated

Q41. The author includes the example in paragraph 2 in order to:

- (A) Create suspense
- (B) Support the thesis
- (C) Refute a claim
- (D) Introduce a digression

Q42. The author includes the example in paragraph 2 in order to:

- (A) Create suspense
- (B) Refute a claim
- (C) Introduce a digression
- (D) Support the thesis

Q43. The passage implies that the outcome was:

- (A) Desired
- (B) Inevitable
- (C) Irrelevant
- (D) Unexpected

Q44. The graph supports which claim from the passage?

- (A) Claim in paragraph 1
- (B) Both claims
- (C) Neither claim
- (D) Claim in paragraph 3

Q45. Which transition would best connect sentences 3 and 4?

- (A) Similarly
- (B) Meanwhile
- (C) Therefore
- (D) However

Q46. The word 'ameliorate' most nearly means:

- (A) improve
- (B) maintain
- (C) worsen
- (D) ignore

Q47. Which transition would best connect sentences 3 and 4?

- (A) Meanwhile
- (B) Similarly
- (C) However
- (D) Therefore

Q48. The word 'ephemeral' most nearly means:

- (A) permanent
- (B) mysterious
- (C) powerful
- (D) short-lived

Q49. Which word best completes: 'The scientist's ____ approach led to groundbreaking discoveries.'

- (A) timid
- (B) methodical
- (C) haphazard
- (D) reckless

Q50. The word 'ameliorate' most nearly means:

- (A) worsen
- (B) maintain
- (C) ignore
- (D) improve

Q51. The word 'ameliorate' most nearly means:

- (A) worsen
- (B) improve
- (C) maintain
- (D) ignore

Q52. The passage's organizational pattern is best described as:

- (A) Spatial
- (B) Cause and effect
- (C) Compare and contrast
- (D) Chronological

Q53. Which sentence best summarizes the main idea?

- (A) The topic sentence
- (B) The last sentence
- (C) The first sentence
- (D) None of these

Q54. The passage implies that the outcome was:

- (A) Unexpected
- (B) Inevitable
- (C) Desired
- (D) Irrelevant

Section 2: Math (44 Questions)

Q55. The number of ways to arrange 5 distinct objects in a circle is:

- (A) 1119
- (B) 146
- (C) 2903
- (D) 705

Q56. The value of integral $\sin^2(x) dx$ from 0 to $\pi/2$ is:

- (A) $12\pi/4$
- (B) $4\pi/4$
- (C) $7\pi/16$
- (D) $7\pi/8$

Q57. The derivative of $x^4 \sin(x)$ at $x = \pi$ is:

- (A) 0.64
- (B) -10.51
- (C) 15.33
- (D) 19.14

Q58. The eccentricity of the ellipse $x^2/14 + y^2/6 = 1$ is:

- (A) 0.72
- (B) 0.74
- (C) 0.72
- (D) 0.54

Q59. The sum of first 22 terms of AP with $a = 1$, $d = 2$ is:

- (A) 545
- (B) 2338
- (C) 160
- (D) 410

Q60. The number of ways to arrange 3 distinct objects in a circle is:

- (A) 4984
- (B) 2903
- (C) 393
- (D) 1516

Q61. If $\det(A) = 6$ and A is 3×3 , then $\det(2A) =$

- (A) 75
- (B) 66
- (C) 54
- (D) 72

Q62. The area under $y = x^3$ from $x = 0$ to $x = 4$ is:

- (A) 89.1
- (B) 113.9
- (C) 100.4
- (D) 177.0

Q63. The mean of a binomial distribution with $n = 25$ and $p = 0.7$ is:

- (A) 24.5
- (B) 12.4
- (C) 36.9
- (D) 15.4

Q64. The sum of first 37 terms of AP with $a = 5$, $d = 3$ is:

- (A) 3930
- (B) 1632
- (C) 2925
- (D) 4888

Q65. The number of ways to arrange 7 distinct objects in a circle is:

- (A) 142
- (B) 2720
- (C) 1171
- (D) 2551

Q66. The value of integral $\sin^2(x) dx$ from 0 to $\pi/2$ is:

- (A) $6\pi/16$
- (B) $7\pi/16$
- (C) $14\pi/4$
- (D) $5\pi/32$

Q67. $\lim_{x \rightarrow 0} \sin(4x)/x =$

- (A) 2
- (B) 1
- (C) 5
- (D) 5

Q68. If $\det(A) = 10$ and A is 3×3 , then $\det(2A) =$

- (A) 19
- (B) 68
- (C) 69
- (D) 60

Q69. The derivative of $x^5 \sin(x)$ at $x = \pi$ is:

- (A) 12.29
- (B) 11.34
- (C) 19.24
- (D) -13.86

Q70. The distance between parallel lines $4x + 2y = 8$ and $4x + 5y = 17$ is:

- (A) 1.20
- (B) 3.52
- (C) 0.88
- (D) 5.00

Q71. The equation of tangent to $y = x^3$ at $x = 3$ is:

- (A) $y = 2x - 17$
- (B) $y = 11x - 6$
- (C) $y = 12x - 9$
- (D) $y = 2x - 4$

Q72. The value of integral $\sin^4(x) dx$ from 0 to $\pi/2$ is:

- (A) $6\pi/8$
- (B) $11\pi/32$
- (C) $3\pi/4$
- (D) $7\pi/4$

Q73. If $\det(A) = 2$ and A is 3×3 , then $\det(2A) =$

- (A) 56
- (B) 19
- (C) 54
- (D) 53

Q74. If $z = 2 + 1i$, then $|z| =$

- (A) 8.76
- (B) 5.58
- (C) 5.35
- (D) 8.56

Q75. The equation of tangent to $y = x^3$ at $x = 2$ is:

- (A) $y = 3x - 4$
- (B) $y = 8x - 5$
- (C) $y = 5x - 4$
- (D) $y = 10x - 7$

Q76. The rank of the matrix $[[1,2,3],[4,5,6],[7,11,11]]$ is:

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

Q77. The area under $y = x^2$ from $x = 0$ to $x = 5$ is:

- (A) 178.6
- (B) 94.0
- (C) 155.4
- (D) 155.2

Q78. The rank of the matrix $\begin{bmatrix} 1,2,3 \\ 4,5,6 \\ 7,9,12 \end{bmatrix}$ is:

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

Q79. If $z = 4 + 3i$, then $|z| =$

- (A) 8.92
- (B) 8.31
- (C) 2.03
- (D) 8.66

Q80. $\lim_{x \rightarrow 0} \sin(4x)/x =$

- (A) 4
- (B) 7
- (C) 1
- (D) 4

Q81. Integral of $(x^4 + 9) dx$ from 0 to 1 equals:

- (A) 34
- (B) 40
- (C) 30
- (D) 47

Q82. The eccentricity of the ellipse $x^2/19 + y^2/15 = 1$ is:

- (A) 0.73
- (B) 0.30
- (C) 0.81
- (D) 0.49

Q83. $\lim_{x \rightarrow 0} \sin(2x)/x =$

- (A) 5
- (B) 5
- (C) 7
- (D) 4

Q84. The area under $y = x^2$ from $x = 0$ to $x = 2$ is:

- (A) 125.0
- (B) 21.4
- (C) 154.6
- (D) 4.9

Q85. The eccentricity of the ellipse $x^2/6 + y^2/13 = 1$ is:

- (A) 0.47
- (B) 0.64
- (C) 0.57
- (D) 0.90

Q86. The number of ways to arrange 5 distinct objects in a circle is:

- (A) 4382
- (B) 1313
- (C) 2129
- (D) 1267

Q87. The equation of tangent to $y = x^4$ at $x = 1$ is:

- (A) $y = 5x - 4$
- (B) $y = 2x - 3$
- (C) $y = 4x - 19$
- (D) $y = 11x - 18$

Q88. The eccentricity of the ellipse $x^2/25 + y^2/10 = 1$ is:

- (A) 0.74
- (B) 0.90
- (C) 0.44
- (D) 0.32

Q89. The rank of the matrix $[[1,2,3],[4,5,6],[7,8,9]]$ is:

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

Q90. The eccentricity of the ellipse $x^2/18 + y^2/10 = 1$ is:

- (A) 0.39
- (B) 0.85
- (C) 0.56
- (D) 0.55

Q91. The derivative of $x^6 \sin(x)$ at $x = \pi$ is:

- (A) 13.85
- (B) 2.15
- (C) -14.17
- (D) 7.16

Q92. The rank of the matrix $[[1,2,3],[4,5,6],[7,9,11]]$ is:

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

Q93. The sum of first 44 terms of AP with $a = 3$, $d = 1$ is:

- (A) 3369
- (B) 711
- (C) 306
- (D) 1026

Q94. The mean of a binomial distribution with $n = 29$ and $p = 0.5$ is:

- (A) 25.9
- (B) 26.5
- (C) 28.2
- (D) 33.2

Q95. The probability of getting exactly 2 heads in 7 tosses of a fair coin is:

- (A) $7/32$
- (B) $13/64$
- (C) $24/256$
- (D) $38/64$

Q96. The number of ways to arrange 8 distinct objects in a circle is:

- (A) 3657
- (B) 3267
- (C) 2214
- (D) 566

Q97. The mean of a binomial distribution with $n = 31$ and $p = 0.5$ is:

- (A) 26.6
- (B) 6.8
- (C) 24.3
- (D) 36.8

Q98. The distance between parallel lines $3x + 4y = 1$ and $2x + 2y = 11$ is:

- (A) 0.52
- (B) 4.84
- (C) 4.50
- (D) 1.47

Answer Key

Q1: (D)	Q2: (A)	Q3: (A)	Q4: (B)	Q5: (C)
Q6: (C)	Q7: (A)	Q8: (A)	Q9: (A)	Q10: (B)
Q11: (A)	Q12: (B)	Q13: (A)	Q14: (B)	Q15: (D)
Q16: (C)	Q17: (C)	Q18: (A)	Q19: (C)	Q20: (D)
Q21: (B)	Q22: (D)	Q23: (C)	Q24: (B)	Q25: (D)
Q26: (D)	Q27: (A)	Q28: (B)	Q29: (B)	Q30: (C)
Q31: (B)	Q32: (A)	Q33: (A)	Q34: (D)	Q35: (D)
Q36: (A)	Q37: (B)	Q38: (D)	Q39: (A)	Q40: (A)
Q41: (B)	Q42: (D)	Q43: (D)	Q44: (A)	Q45: (D)
Q46: (A)	Q47: (C)	Q48: (D)	Q49: (B)	Q50: (D)
Q51: (B)	Q52: (B)	Q53: (C)	Q54: (A)	Q55: (A)
Q56: (A)	Q57: (C)	Q58: (D)	Q59: (A)	Q60: (D)
Q61: (D)	Q62: (C)	Q63: (A)	Q64: (A)	Q65: (C)
Q66: (B)	Q67: (C)	Q68: (C)	Q69: (B)	Q70: (D)
Q71: (A)	Q72: (A)	Q73: (B)	Q74: (B)	Q75: (C)
Q76: (C)	Q77: (D)	Q78: (C)	Q79: (A)	Q80: (C)
Q81: (C)	Q82: (A)	Q83: (A)	Q84: (B)	Q85: (A)
Q86: (A)	Q87: (C)	Q88: (A)	Q89: (C)	Q90: (B)
Q91: (A)	Q92: (C)	Q93: (B)	Q94: (D)	Q95: (D)
Q96: (C)	Q97: (B)	Q98: (C)		

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