# Wonderlic Test Answer Key with Rationales

1. B. November
 Rationale: November is the eleventh month of the year.

2. B. 36
 Rationale: Let x be the number of shovels. The profit from selling them is $1,800 ($7,300 - $5,500). Since each shovel earns $50 profit, x = $1,800 / $50 = 36 shovels.

3. D. 50
 Rationale: There are 50 states in the U.S.A.

4. E. 66
 Rationale: Let x be the number of giraffes, then 3x is the number of elephants. x + 3x = 88, so 4x = 88. Therefore, x = 22 giraffes and 66 elephants.

5. D. 20
 Rationale: The pattern alternates between adding 8 and subtracting 5. The next number after 11 is 20.

6. D. 21.25 miles
 Rationale: The car travels 85 miles per hour, so in 15 minutes (1/4 hour), it travels 85 \* 1/4 = 21.25 miles.

7. F. None of the above
 Rationale: Let x be the number of used cars. 7000x + 16000(17 - x) = 191000. Solving for x, we find x = 10.5, which is not a valid number of cars.

8. B. $1500
 Rationale: Joey's raise is 25% of $1200, which is $300. His new salary is $1200 + $300 = $1500.

9. A. True
 Rationale: A triangle has three sides.

10. E. Orange
 Rationale: Orange is to juice as wheat is to bread, both are raw materials for the final product.

11. A. Yes
 Rationale: FAQ stands for 'Frequently Asked Questions.'

12. A. Disgust
 Rationale: Disgust is the opposite of attraction.

13. D. Layperson
 Rationale: All other options are professionals in their fields, while a layperson is not specialized.

14. C. Neither similar nor contradictory
 Rationale: 'Deviate' means to go off course, while 'agitate' means to stir or disturb; they are unrelated.

15. B. 2
 Rationale: Exact duplicates are: 6845 - 6845 and 45641 - 45641.

16. C. Uncertain
 Rationale: Dave spoke with Sally, and Sally spoke with John, but it is not clear whether Dave spoke with John.

17. B. Designation
 Rationale: All other words are related to approval; 'designation' is about naming or assigning a title.

18. C. Soap
 Rationale: Cleaning is to soap as curing is to medicine; soap is used for cleaning.

19. A. The sun
 Rationale: The sun has the largest diameter compared to the moon, Earth, Venus, and a basketball.

20. A. 8
 Rationale: Let x be the number of Sam's marbles. Then Edna has 6x marbles, and x + 6x = 56, so x = 8.

21. C. 85%
 Rationale: 17 out of 20 is (17/20) \* 100 = 85%.

22. A. Similar
 Rationale: 'Affluent' and 'wealthy' both refer to being rich.

23. C. Uncertain
 Rationale: The statements only establish that fair-haired dogs live longer than black-haired ones; no comparison with Bonzo is possible.

24. C. Conclusion
 Rationale: 'Start' is the beginning, and 'conclusion' is the end.

25. C. Subservient
 Rationale: 'Imperious' means dominating or authoritative, and 'subservient' means submissive or obedient, which is the opposite.

26. D. 4
 Rationale: The exact duplicates are: 3356, 7776145, 865656, and 71829.

27. B. Archaic
 Rationale: 'Archaic' is unrelated to the other words, which all describe something serious or solemn.

28. B. 2
 Rationale: The exact duplicates are: LLO8761 and ORR13726B.

29. C. Uncertain
 Rationale: The statements do not confirm that every creature with a brown leg is a dog.

30. A, B, E
 Rationale: Figures A, B, and E, when combined, form the figure on the left.

31. C. $5,250
 Rationale: 75% of John's monthly salary ($7,000) is $5,250.

32. A. 4 hours
 Rationale: It takes 2 hours to bake 16 thin crust pies and 2 hours to bake 4 deep-dish pies, totaling 4 hours.

33. B. $4,265.46
 Rationale: John's take-home pay is his gross pay minus deductions: $4,687.24 - $421.78 = $4,265.46.

34. D. 185 miles
 Rationale: The motorcyclist travels 120 miles at 60 mph for 2 hours and 65 miles at 65 mph for 1 hour, totaling 185 miles.

35. B. 110
 Rationale: The sum of four stocks is $400. Subtract the drone stock ($70), leaving $330. Dividing by 3 gives $110.

36. A. 100
 Rationale: The greatest possible length for a volume of 100 cubic inches is 100 if the other dimensions are 1x1.

37. A, C, E
 Rationale: 'Rapidly,' 'Hastily,' and 'Swiftly' all have similar meanings related to speed.

38. E. Drought
 Rationale: All other options are financial terms; 'drought' is unrelated.

39. A
 Rationale: The graph should show both siblings' heights increasing over time, matching their recorded growths.

40. D. 4
 Rationale: Four pairs are exact duplicates in the provided set.

41. A. Texas, New Mexico, Arkansas, Missouri, Kansas, Colorado
 Rationale: These are all states that border Oklahoma.

42. B. Contradictory
 Rationale: 'Complacent' means self-satisfied, while 'compliant' means willing to conform, which are contradictory attitudes.

43. D. Suitcase
 Rationale: The rearranged sentence is 'Mike managed to carry the suitcase by himself.'

44. B. Meager
 Rationale: 'Meager' is the opposite of 'abundant.'

45. E. Triangles
 Rationale: Oranges are to fruits as triangles are to shapes.

46. C. Cannot say
 Rationale: The statements do not provide enough information to determine the chances.

47. D. 4
 Rationale: Four pairs are exact duplicates in the provided set.

48. C. 1.44
 Rationale: Based on the numerical pattern, 1.44 is the next number in the series.

49. B, C, D
 Rationale: 'Indoctrinate,' 'Enlighten,' and 'School' have similar meanings related to teaching or instructing.

50. B. Jade is 14 years old, and Rose is 5 years old
 Rationale: If Jade is 9 years older than Rose, and in 4 years she will be twice as old, their current ages must be 14 and 5.