

SUB-TEST EIGHT

FORM A

DIRECTIONS. In each argument below, assume the premise or premises to be true and unquestioned, and judge the conclusion in relation to them.
 If with the premises true the conclusion must *necessarily be true*, write in the margin the number 1 for Nec. T₁.
 If with the premises true the conclusion must *necessarily be false*, write in the margin the number 2 for Nec. F₂.
 If the truth of the premises would clearly indicate that the conclusion is *probably true*, but not make it necessarily so, write in the margin the number 3 for Prob. T₃.
 If the truth of the premises would clearly indicate that the conclusion is *probably false*, but not make it necessarily so, write in the margin the number 4 for Prob. F₄.
 If the premises leave the conclusion *undetermined*, so that no necessity or clear probability of either its truth or falsity is indicated, write in the margin the number 5 for Undet₅.

1. Premises:—The medals were given only to the best students, and Jacob received one of the medals.
 Conclusion:—Jacob is one of the best students.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
2. Premises:—For years all of my suits have been made by Cutts and from cloth manufactured by the Albrite Company, and all of the suits have been satisfactory.
 Conclusion:—My new suit which has been ordered from Cutts and of material from the same company is not going to be satisfactory.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
3. Premises:—All of the electric lights are out, and all of the students' lights are electric lights.
 Conclusion:—Some of the students' lights are not out.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
4. Premise:—There is a ring on each brass hook.
 Conclusion:—There are no rings on the iron hooks.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
5. Premise:—Professor Johnson has given a great many lectures and they have all been interesting.
 Conclusion:—Today's lecture by Professor Johnson will be interesting.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
6. Premises:—My mother has baked bread for a great many years and has been unsuccessful only a few times. She is baking bread today.
 Conclusion:—The bread she bakes today will be successful.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
7. Premises:—There are some histories on the shelf, and all of the books on the shelf belong to Robert.
 Conclusion:—Robert owns some histories.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
8. Premises:—Any man who is reckless enough to go swimming in the harbor today will certainly be eaten by these sharks. Any man who is reckless enough to go swimming in the harbor today is certainly a fool.
 Conclusion:—Some fool will be eaten by these sharks.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
9. Premises:—Gerald has gone fishing forty times before and has brought home fish every time. He has gone fishing today.
 Conclusion:—He will bring home no fish today.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____

21. Premises:—Fifteen people have visited the gallery since this new picture was hung and all of them have admired it; but people's tastes vary.
 Conclusion:—The next person who comes in will not like the picture.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
22. Premises:—Some rapid walkers fatigue quickly. James is a rapid walker.
 Conclusion:—James fatigues quickly.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
23. Premises:—Not all of the buildings on Main Avenue have slate roofs, but all of them are built of brick.
 Conclusion:—There are some brick buildings in town without slate roofs.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
24. Premise:—None of the doors with latches are fastened.
 Conclusion:—Some of the doors that are fastened have latches.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
25. Premise:—Tall people are generally heavier than the average.
 Conclusion:—Of the twenty tallest students in college more than ten are heavier than the college average.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
26. Premises:—There is no record of snow in the known history of Tago County.
 Conclusion:—It will not snow in Tago County this year.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
27. Premises:—If Geoffrey did not go to the game he had not received his check. He had received his check.
 Conclusion:—Geoffrey went to the game.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
28. Premise:—All of the steel bridges in the country are well built.
 Conclusion:—Some of the poorly built bridges are made of steel.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____
29. Premise:—There are twelve months in a year, but Washington and Lincoln were born in the same month, February.
 Conclusion:—The two greatest Americans of the next two hundred years will be born in February.
 Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅... _____

- no ripe ones.
Conclusion:--There are no unripe apples on the tree.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
11. Premises:--All of the stationery used by our firm is made by Reading Paper Company and none of the paper made by Reading Paper Company is poorly made.
Conclusion:--None of the paper which is used by our firm is well made.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
12. Premises:--Every morning for a year John has gone to his laboratory expecting to finish his invention before night and it is not finished yet. This morning again he expects to finish before night.
Conclusion:--He will finish before tonight.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
13. Premises:--Josiah Green is a very poor student and is rather tall and slim, Jonathan Brown was born on the same day as Josiah and is closely similar to him in height and weight.
Conclusion:--Jonathan is also a poor student.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
14. Premise:--This medicine has cured every patient having this disease to whom it has been administered.
Conclusion:--If given in a similar way to Q, who has the same disease, it will cure Q.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
15. Premises:--Henry has been admitted to Carnum Military School, and no boy has ever been admitted to Carnum without first passing a physical examination.
Conclusion:--Henry has passed a physical examination.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
16. Premise:--Some of the painted wagons were not repaired.
Conclusion:--All of the repaired wagons were painted.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
17. Premises:--In nineteen out of the past twenty years there have been hard thunder storms in Dinkshire County in September, but there is the old adage that "lightning never strikes twice in the same place."
Conclusion:--There will be no thunder storms in that county next September.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
18. Premise:--This substance resembles sulphur in color, in odor, and by every other test that I know.
Conclusion:--This substance is sulphur.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
19. Premises:--All of the houses on North Street are one-family houses. The house owned by Mr. Morrison is a two-family house.
Conclusion:--Mr. Morrison's house is not on North Street.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
20. Premises:--There are some bottles on the shelf, but there are no labelled ones.
Conclusion:--There are no unlabelled bottles on the shelf.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...

- George; George is taller than Peter; and Tom is taller than Peter.
Conclusion:--Mary is taller than Tom.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
31. Premises:--If Henry, Robert, Philip, or Susan comes, we shall be able to learn about the accident. Philip and Susan will come but not Henry or Robert.
Conclusion:--We shall not be able to learn about the accident.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
32. Premises:--These pipes will hold a vacuum indefinitely so long as there are no leaks. They have been sealed with a durable cement, and no leaks have been detected.
Conclusion:--They will hold a vacuum for a long time.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
33. Premises:--Slips marked with successive numbers from 1 to 100 have been put in a hat and well stirred. Out of 80 slips already drawn 48 have been below 50.
Conclusion:--The next number drawn will be below 50.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
34. Premises:--All the leaders of society in our town were present at the wedding. Mr. and Mrs. Brown were present at the wedding.
Conclusion:--Mr. and Mrs. Brown are leaders of society.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
35. Premises:--Most of the pupils in this school have bought algebras, and most have dictionaries.
Conclusion:--Some have both dictionaries and algebras.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
36. Premises:--All of the boys from Parkville wear fine clothes, and John does not wear fine clothes.
Conclusion:--John is not from Parkville.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
37. Premises:--All but five per cent of the girls at Maynard College obey the rule which forbids smoking. The fifty girls in Lockhart Dormitory appear to be average representatives of the College.
Conclusion:--Of these fifty girls the majority smoke.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
38. Premise:--Some of the bundles that are tied do not contain coupons.
Conclusion:--Some of the bundles that do not contain coupons are tied.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
39. Premises:--The automobile would not start at first, but after I had found a loose connection at the battery and tightened it the car started without difficulty.
Conclusion:--The loose connection at the battery had prevented the starting of the car.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...
40. Premises:--Some person entered this room, unlocked the box and took the ring. Jerry is the only person who has been in the room.
Conclusion:--Jerry did not take the ring.
Nec. T₁ Nec. F₂ Prob. T₃ Prob. F₄ Undet₅...