## Trios of Concrete Propositions, proposed as Syllogisms: to be examined.

Choose your favorite 10 to turn in. Use the method of Lewis Carrol's Logic Game to determine whether the conclusion is valid or not.

1. No doctors are enthusiastic;

You are enthusiastic.

You are not a doctor.

2. Dictionaries are useful;

Useful books are valuable.

Dictionaries are valuable.

3. No misers are unselfish;

None but misers save egg-shells.

No unselfish people save egg-shells.

4. Some epicures are ungenerous;

All my uncles are generous.

My uncles are not epicures.

5. Gold is heavy;

Nothing but gold will silence him.

Nothing light will silence him.

6. Some healthy people are fat;

No unhealthy people are strong.

Some fat people are not strong.

7. "I saw it in a newspaper."

"All newspapers tell lies."

It was a lie.

8. Some cravats are not artistic;

I admire anything artistic.

There are some cravats that I do not admire.

9. His songs never last an hour;

A song, that lasts an hour, is tedious.

His songs are never tedious.

10. Some candles give very little light;

Candles are *meant* to give light.

Some things, that are meant to give light, give very little.

11. All, who are anxious to learn, work hard; Some of these boys work hard.

Some of these boys are anxious to learn.

12. All lions are fierce;

Some lions do not drink coffee.

Some creatures that drink coffee are not fierce.

13. No misers are generous;

Some old men are ungenerous.

Some old men are misers.

14. No fossil can be crossed in love;

An oyster may be crossed in love.

Oysters are not fossils.

15. All uneducated people are shallow;

Students are all educated.

No students are shallow.

16. All young lambs jump;

No young animals are healthy, unless they jump.

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All young lambs are healthy.

17. Ill-managed business is unprofitable;

Railways are never ill-managed.

All railways are profitable.

18. No Professors are ignorant;

All ignorant people are vain.

No professors are vain.

19. A prudent man shuns hyænas;

No banker is imprudent.

No banker fails to shun hyænas.

20. All wasps are unfriendly;

No puppies are unfriendly.

Puppies are not wasps.

- 21. No mathematicians are honest; Some non-mathematicians are rich. Some rich people are dishonest.
- 22. No idlers win fame; Some painters are not idle. Some painters win fame.
- 23. No monkeys are soldiers; All monkeys are mischievous. Some mischievous creatures are not soldiers.
- 24. All these bonbons are chocolate-creams;

All these bonbons are delicious. Chocolate-creams are delicious.

- 25. No muffins are wholesome; All buns are unwholesome.
  Buns are not muffins.
- 26. Some unauthorised reports are false; All authorised reports are trustworthy. Some false reports are not trustworthy.
- 27. Some pillows are soft;No pokers are soft.Some pokers are not pillows.
- 28. Improbable stories are not easily believed;None of his stories are probable.None of his stories are easily believed.
- 29. No thieves are honest; Some dishonest people are found out. Some thieves are found out.
- 30. No muffins are wholesome; All puffy food is unwholesome. All muffins are puffy.

- 31. No birds, except peacocks, are proud of their tails; Some birds, that are proud of their tails, cannot sing.

  Some peacocks cannot sing.
- 32. Warmth relieves pain; Nothing, that does not relieve pain, is useful in toothache.

Warmth is useful in toothache.

- 33. No bankrupts are rich; Some merchants are not bankrupts. Some merchants are rich.
- 34. Bores are dreaded;No bore is ever begged to prolong his visit.No one, who is dreaded, is ever begged to prolong his visit.
- 35. All wise men walk on their feet; All unwise men walk on their hands. No man walks on both.
- 36. No wheelbarrows are comfortable; No uncomfortable vehicles are popular. No wheelbarrows are popular.
- 37. No frogs are poetical; Some ducks are unpoetical. Some ducks are not frogs.
- 38. No emperors are dentists;All dentists are dreaded by children.No emperors are dreaded by children.
- 39. Sugar is sweet; Salt is not sweet. Salt is not sugar.
- 40. Every eagle can fly; Some pigs cannot fly. Some pigs are not eagles.