

59. Supply premises to the following conclusions:

(a) Some logicians are not good reasoners.

(b) All fixed stars obey the law of gravitation. (1889).

60. Throw the following argument into syllogistic form. Give the contradictory of the major premise, and the obverse of its contradictory: The world had a beginning. It must therefore have had a cause, for everything that begins to be must have a cause. (1891).

61. "All wise men are good; John is not wise; therefore he is not good." Examine the validity of this argument. If fallacious, explain the nature of the fallacy. (1903).

62. Test the moods EAE, AAI, EIO in each of the four figures. (1889).

63. Reduce every mood of the Second, Third and Fourth Figures, to the First Figure.

64. Throw the following arguments into syllogistic form, pointing out the fallacy where unsound?

Only elementary substances are metals. Iron is a metal, therefore iron is an elementary substance.

His imbecility of character might have been inferred from his proneness to favorites; for all weak princes have this failing.

Mind is active, accordingly matter is passive, since it is not mind.

Peel's remission of taxes was beneficial; the taxes remitted by Peel were indirect, therefore the remission of indirect taxes is beneficial.

If this medicine is valuable, those who take it will improve in health. It must, therefore, be valuable, since A. B. has taken it, and has improved in health. (1887).

65. Arrange the following in logical form; give mood and figure if valid; if invalid, give the rule or rules which are broken:

(a) We know that the policy was mistaken; for otherwise it would not have failed. (*Mellone*).

(b) The case of Shakespere proves that a man may be a great poet and yet no fool in business matters. (*St. Andrews*).

(c) "We know that thou art a teacher come from God, for no man can do these signs that thou doest, except God be with him."

(d) There are some zealous persons who seek no earthly reward; for the apostles, who certainly were zealous in their work, sought no earthly reward (adapted from Thomson).

(e) "I never held it my forte to be a severe reasoner, but I can see that if whatever is best is A. and B happens to be best, B must be A, however little you might have expected it beforehand. (*George Eliot*).