

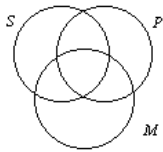
# Introduction to Logic

## Exercise: Testing Syllogisms

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### 1 Categorical Syllogisms

*Directions:* Test the following arguments for validity by Venn Diagrams and Syllogistic Fallacies. Name the fallacy or state the validity. (77 points.)

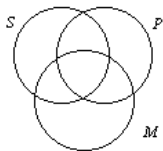


1. No loving persons are thoughtless persons..

No loving persons are aggressive people.

No aggressive people are thoughtless persons.

Evaluation: \_\_\_\_\_

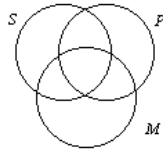


2. No passive individuals are folks who live well.

All self-actualized persons are folks who live well.

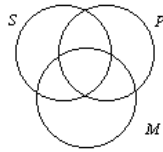
No self-actualized persons are passive individuals.

Evaluation: \_\_\_\_\_



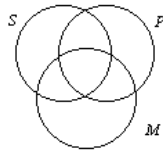
3. All persons living a life of excellence are open people.  
 All open people are honest folks.  
 -----  
 All honest folks are persons living a life of excellence.

Evaluation: \_\_\_\_\_



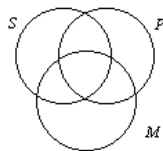
4. Some studious persons are not friendly persons.  
 All friendly persons are persons who value others.  
 -----  
 Some persons who value others are not studious persons.

Evaluation: \_\_\_\_\_



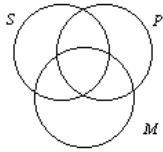
5. All folks who live well are persons living the good life.  
 No persons living the good life are passive individuals.  
 -----  
 No passive individuals are folks who live well.

Evaluation: \_\_\_\_\_



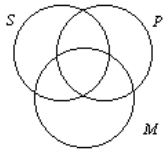
6. All individuals who cherish living are well adjusted people.  
 All perfect persons are individuals who cherish living.  
 -----  
 Some perfect persons are well adjusted people.

Evaluation: \_\_\_\_\_



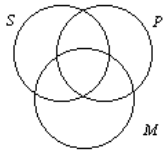
7. Some worriers are folks who live well.  
 Some passive individuals are not worriers.  
 -----  
 Some passive individuals are folks who live well.

Evaluation: \_\_\_\_\_



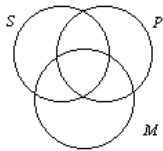
8. All people cherishing living are persons living excellent lives.  
 All folks who live well are people cherishing living.  
 -----  
 All folks who live well are persons living excellent lives.

Evaluation: \_\_\_\_\_



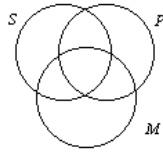
9. All responsive individuals are considerate persons.  
 All persons who act before they think are responsive individuals.  
 -----  
 All persons who act before they think are considerate persons.

Evaluation: \_\_\_\_\_



10. All persons who seek fulfillment are persons who take risks.  
 No shy persons are persons who seek fulfillment.  
 -----  
 No shy persons are persons who take risks.

Evaluation: \_\_\_\_\_



11. All persons living excellent lives are persons cherishing living.  
 All folks who live well are persons cherishing living.  
 -----  
 All folks who live well are persons living excellent lives.

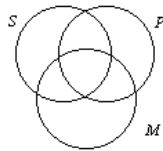
Evaluation: \_\_\_\_\_

## 2 Ordinary Language Syllogisms

*Directions:* Rewrite the following arguments into standard-form and order categorical syllogisms. Name the mood and figure, and test for validity by Venn Diagrams and the Syllogistic Fallacies. (33 points)

- No persons who plan ahead are persons who live in the present, since all persons who live in the present are satisfied people, and no persons who plan ahead are satisfied people.

Standard  
 Order  
 and Form

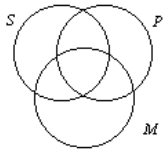


MOOD \_\_\_\_\_ FIGURE \_\_\_\_\_ EVALUATION \_\_\_\_\_

2 ORDINARY LANGUAGE SYLLOGISMS

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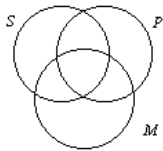
2. No thing is better than being successful, but all doing poorly is better than no thing, so all doing poorly is better than being successful.



Standard  
Order  
and Form

MOOD \_\_\_\_\_ FIGURE \_\_\_\_\_ EVALUATION \_\_\_\_\_

3. No self-actualized persons are lazy people, and some self-actualized persons are happy people; hence some lazy people are not happy people.



Standard  
Order  
and Form

MOOD \_\_\_\_\_ FIGURE \_\_\_\_\_ EVALUATION \_\_\_\_\_

Be sure you have given the resultant truth values. Name \_\_\_\_\_