

Name: \_\_\_\_\_ EID: \_\_\_\_\_

## Topic: Chemical Synthesis of Life

Pre-discussion questions. Answer briefly. Use only the space provided.

- 1) For the Hanczyc protocells, describe how these basic processes of life are accomplished:

Metabolism

Encapsulation

Heritability

Self-replication

- 2) For the Szostak protocells, describe how these basic processes of life are accomplished:

Metabolism

Encapsulation

Heritability

Self-replication

- 3) If you were on a committee organizing an X Prize for chemically synthesized life, what would you require as proof that someone had been successful and deserved the award?