1. 1. All Lynxes are Felids. No Felids are Avians. Which must be true?  
   (A) Some Lynxes are Avians.  
   (B) No Lynxes are Avians.  
   (C) All Avians are Lynxes.  
   (D) Some Felids are not Avians.
2. 2. All Orbits are Ellipses. Some Ellipses are Circles. No Circles are Parabolas. Which must be true?  
   (A) Some Orbits are not Parabolas.  
   (B) All Orbits are Circles.  
   (C) Some Parabolas are Orbits.  
   (D) No Ellipses are Orbits.
3. 3. No Quartz are Metals. All Pyrites are Metals. Some Minerals are Quartz. Which must be true?  
   (A) Some Minerals are not Metals.  
   (B) All Minerals are Metals.  
   (C) Some Pyrites are Quartz.  
   (D) Some Metals are Quartz.
4. 4. All Researchers are Readers. Some Readers are Writers. No Writers are Idlers. Which must be true?  
   (A) Some Researchers are Idlers.  
   (B) Some Readers are not Idlers.  
   (C) All Writers are Researchers.  
   (D) No Readers are Researchers.
5. 5. Some Algorithms are Optimal. All Optimal things are Efficient. No Inefficient things are Algorithms. Which must be true?  
   (A) Some Algorithms are Efficient.  
   (B) All Efficient things are Algorithms.  
   (C) Some Inefficient things are Optimal.  
   (D) No Algorithms are Efficient.
6. 6. All Glaciers are Cold. No Deserts are Cold. Some Terrains are Deserts. Which must be true?  
   (A) Some Terrains are Glaciers.  
   (B) No Glaciers are Deserts.  
   (C) All Terrains are Cold.  
   (D) Some Deserts are Glaciers.
7. 7. Some Biologists are Climbers. All Climbers are Fit. No Unfit people are Biologists. Which must be true?  
   (A) Some Biologists are Fit.  
   (B) All Biologists are Climbers.  
   (C) Some Unfit people are Climbers.  
   (D) Some Fit people are not Biologists.
8. 8. All Proofs are Arguments. Some Arguments are Valid. No Valid things are Fallacious. Which must be true?  
   (A) Some Proofs are Fallacious.  
   (B) Some Arguments are not Fallacious.  
   (C) All Valid things are Proofs.  
   (D) No Arguments are Proofs.
9. 9. No Carnivores are Herbivores. Some Mammals are Carnivores. All Herbivores are Animals. Which must be true?  
   (A) Some Mammals are not Herbivores.  
   (B) All Animals are Carnivores.  
   (C) Some Herbivores are Mammals.  
   (D) No Mammals are Animals.

10. All Theorems are Statements. No Contradictions are Theorems. Some Statements are Conjectures. Which must be true?  
(A) Some Statements are not Contradictions.  
(B) All Conjectures are Theorems.  
(C) Some Contradictions are Statements.  
(D) No Statements are Contradictions.