DIRECTIONS: Choose the letter that corresponds to the best answer for each question. Write answers on the answer sheet.

1) Select the figure that shows a cable with the most horizontal thrust
   A) a  
   B) b  
   C) c  
   D) d  

2) Select an object that is not typically under tension
   (A) a cable.  
   (B) a strut.  
   (C) a wire.  
   (D) none of the above. 

3) The basic unit of a truss is 
   A) a square.  
   B) a parallelogram.  
   C) a triangle.  
   D) a rectangle. 

4) In a truss, the name of the members between the top and bottom chords are called   
   (A) webs.  
   (B) boards.  
   (C) chords.  
   (D) none of the above. 

5) A truss with all of its members in a single plane is a 
   A) a planar truss.  
   B) a space truss.  
   C) a flying truss.  
   D) none of the above. 

6) Trusses are commonly used for support for  
   A) bridges  
   B) roofs  
   C) skyscrapers  
   D) all of the above. 

7) An example of a style of truss is 
   A) a Warren truss.  
   B) a Pratt truss.  
   C) a Baltimore truss.  
   D) all of the above. 

8) Forces in truss members are 
   A) always along the axis.  
   B) compression forces.  
   C) tension forces  
   D) all of the above.