1.) Employers may proceed with excavation work if the underground utility owner has been contacted but not yet identified their installations within 24hrs.  

   True  False

Explain your answer:
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

2.) Structural ramps used solely by employees as a means of access and egress from excavations shall be designed by a ___________ ___________.

3.)Excavations greater then _______ feet shall be tested before employees enter where potentially ____________ atmospheres could reasonably exist.

4.) Excavations must be inspected daily by an Authorized Person.  True  False

Explain your answer:
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

5.) At least one copy of the ___________ _______ which identifies the ______________ ______________ who approved the data, shall be maintained at the jobsite during construction of the protective system.

6.) A Trench and an Excavation is the same thing:  True  False

Explain your answer:
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________
________________________________________________________________________________________

7.) Name the manual tests for soil classification and provide a brief description
i. ________________________

ii. ________________________

iii. ________________________

iv. ________________________

v. ________________________
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8.) The bending strength for mixed oak or equivalent wood used for timber shoring must not be less than 1500 lbs per square inch.  
   
   **True**  
   **False**  

   Explain your answer:  
   _____________________________________________________________  
   _____________________________________________________________  
   _____________________________________________________________  

9.) A “Trench Box” and a “Trench Shield” are the same thing.  
   
   **True**  
   **False**  

10.) A “wale” refers to the vertical members of a shoring system.  
    
    **True**  
    **False**  

11.) Excavations less then 5’ in depth do not need protective systems.  
    
    **True**  
    **False**  

   Explain your answer:  
   _____________________________________________________________  
   _____________________________________________________________  
   _____________________________________________________________  

12.) Sloping is an example of an __________________________ control. Trench boxes and shielding in an example of an ________________ control.