2017 State of Ohio 10th Annual Mine Safety Days Written Exam

Contestant Name: _____ Team Name: _____

1. **Firefighters force inert gases into areas where they are trying to remove the oxygen leg of the fire _____.**
   area location triangle

2. **When appropriate, a fire area is not un-sealed until the oxygen content is low enough to make explosions_____ and the carbon monoxide has disappeared.**
   improbable possible impossible

3. **After a fire has been sealed, the _____has been to wait 72 hours before making the initial visit to the seals.**
   standard rule practice

4. **The IDLH of _____Dioxide is 20 ppm.**
   Hydrogen Sulphur Nitrogen

5. **Once rescued, _____should never be left alone.**
   miners patients survivors

6. **Thermal imaging cameras should only be used in less than 1 percent of_____.**
   Methane Hydrogen Oxygen

7. **Monitoring pressures and gases helps determine what is the danger of explosion, how soon firefighters have to move to safety, how _____ are the techniques being used and is the fire under control.**
   effective consistent necessary

8. **Team safety must not be compromised. Although "Time is never your friend" do not be in too great a _____and do not permit others to hurry.**
   hurry rush need

9. **_____ types of fire cannot be fought directly, fuel rich and spon com (spontaneous combustion), these will be extinguished only by remote controls.**
   two one many

10. **If smoke is so dense as to make visibility poor, you may need to keep in constant _____ contact with a rail, a compressed air or water line, or the rib in order to feel your way along.**
    physical verbal visual

2017 State of Ohio Written Exam

1. **triangle SF # 99**
2. **impossible SF # 98**
3. **practice SF # 97**
4. **Nitrogen SF # 95**
5. **survivors SF # 93**
6. **Methane SF # 92**
7. **effective SF # 50**
8. **hurry SF # 49**
9. **Two SF # 48**
10. **physical SF # 47**