**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**

1. **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**

1. **After a fire has been sealed, the \_\_\_\_\_\_\_\_has been to wait 72 hours before making the initial visit to the seals.**

**standard rule practice**

1. **The IDLH of \_\_\_\_\_\_\_\_Dioxide is 20 ppm.**

**Hydrogen Sulphur Nitrogen**

1. **Once rescued, \_\_\_\_\_\_\_\_\_\_should never be left alone.**

**miners patients survivors**

1. **Thermal imaging cameras should only be used in less than 1 percent of\_\_\_\_\_\_\_\_\_.**

**Methane Hydrogen Oxygen**

1. **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**

1. **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**

1. **\_\_\_\_\_ 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**

1. **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**

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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**