

2023 VA Governor's Cup Written Exam

Name _____

Team # _____

Circle One Answer

1. Permanent seals should be well hitched in the roof, floor, and ribs to make them as _____ as possible.
competent airtight thick (#2)
2. Under no circumstances should _____ be altered without orders to do so from the command center.
equipment ventilation exploration (#4)
3. The first priority of rescue and recovery operations is _____.
rescuing miners team safety mapman safety (#6)
4. A fresh-air base is established at the point where conditions no longer permit _____ exploration.
rapid barefaced systematic (#9)
5. Explosions in coal mines are most often caused by ignitions of _____, coal dust, or a combination of the two.
oxygen methane hydrogen (#12)
6. An indication of an explosion may be a jump in the _____ recording chart for the main fan.
paper pressure percussive (#13)
7. Your captain may order the _____ to return immediately to the fresh-air base if a team member's apparatus malfunctions.
member team mapman (#21)
8. In potentially explosive atmospheres, _____ tools, nails, and spads should be used.
brass nonsparking lighter (#22)
9. Carbon monoxide is a product of incomplete combustion of any _____. (#24)
bottle sampling carbon material chemical analysis
10. Opening of seals prematurely can cause a re-ignition of a fire or an _____. (#25)
implosion explosion accident