

1. a) If hydrogen gas is allowed to accumulate in the room , it can cause explosion ( 1)
- b) Reduction reaction (1)
- c) \*
- \* Used in making oxy-hydrogen flame ;
  - \* Used in hardening of oils ; ***Any one Imk***
  - \* Used in manufacture of ammonia ;
2. (i) To prevent it from escaping into the air ✓ ½ since a mixture of hydrogen and air burns ✓ ½ explosively red – brown then to a grey solid ✓ ½
- (ii) Lead (II) Oxide turns from Yellow ✓ ½ on heating to red brown then to a grey solid ✓ ½