

1.3 EXERCISE 5 – Structure and bonding summary II

Describe the bonding in the following compounds, and briefly describe their main physical properties, limited to:

- a) melting point
- b) electrical conductivity

1. magnesium
2. diamond
3. silicon dioxide
4. magnesium oxide
5. carbon dioxide
6. graphite
7. sodium nitrate
8. water
9. sulphur dioxide
10. helium