A-Level Chemistry

Periodicity
(Multiple Choice)

Mark Scheme

Time available: 23 minutes
Marks available: 19 marks

Mark schemes

1. **B**

Molybdenum

[1]

2. **B**

Silicon

[1]

3. **D**

O^{2-}

[1]

4. **D**

Selenium

[1]

5. **C**

Be^{2+} Li^{+} F^{-} O^{2-}

[1]

6. **C**

Silicon

[1]

7. **D**

[1]

8. **B**

[1]

9. **A**

[1]

10. **C**

[1]

11. C

[1]

12. B

[1]

13. D

[1]

14. D

[1]

15. A

[1]

16. C

[1]

17. B

[1]

18. B

f block

[1]

19. D

The second ionisation energy of rubidium is lower than the second ionisation energy of lithium.

[1]