A-Level Chemistry

Group 7

(Multiple Choice)

Mark Scheme

Time available: 33 minutes
Marks available: 30 marks

Mark schemes

1. **D**

NaI(aq) + Br_2(aq)

[1]

2. **A**

NaCl

[1]

3. D

ethanoyl chloride

[1]

4. **B**

boiling point

[1]

5. **D**

I_2(aq) + 2 KBr(aq) → Br_2(aq) + 2KI(aq)

[1]

6. A

[1]

7. C

[1]

8. D

[1]

9. C

[1]

10. D

[1]

11. C

[1]

12. A

[1]

13. D

[1]

14. C

[1]

15. D

[1]

16. A

[1]

17. D

To prevent the precipitation of other silver compounds

[1]

18. D

OH^-

[1]

19. D

Iodide ions reduce chlorine to form chloride ions.

[1]

20. B

The oxidising ability of the element decreases.

[1]

21. A

[1]

22. B

[1]

23. D

[1]

24. D

[1]

25. D

[1]

26. D

[1]

27. A

[1]

28. A

[1]

29. A

[1]

30. **A**

[1]