



A-Level Chemistry

Alcohol (Multiple Choice)

Mark Scheme

Time available: 30 minutes

Marks available: 30 marks

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Mark schemes

1. D
An increase in pressure increases the value of K_c [1]
2. C
 $C_6H_5COCH_3$ [1]
3. B
Biofuel ethanol is purified by fractional distillation [1]
4. B [1]
5. D
3-methylbutan-2-ol [1]
6. D
pentan-2-ol [1]
7. C [1]
8. A [1]
9. A [1]
10. B [1]
11. A [1]
12. D [1]
13. D [1]
14. D [1]
15. B [1]

16. A [1]
17. D [1]
18. B [1]
19. B [1]
20. C [1]
21. A [1]
22. B *CH₃COOCH₃ and NaOH(aq)* [1]
23. C *CH₃CH₂OH* [1]
24. A *They are easily oxidised to carboxylic acids by acidified K₂Cr₂O₇ solution.* [1]
25. D *3-methylbutan-2-ol* [1]
26. D *pentan-2-ol* [1]
27. A [1]
28. B [1]
29. B [1]
30. B [1]