

Answers

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|-------|-------|
| 1. C | 14. C |
| 2. D | 15. B |
| 3. C | 16. A |
| 4. D | 17. C |
| 5. A | 18. C |
| 6. D | 19. C |
| 7. D | 20. D |
| 8. B | 21. A |
| 9. A | 22. C |
| 10. A | 23. A |
| 11. B | 24. C |
| 12. D | 25. A |
| 13. D | |

Short Answer

1.

(a) Ethanoic acid will have the lowest conductivity, because it is a weak acid and has few ions in solution

(b) NaOH is a strong base. It will have the highest pH.

(c) H_2SO_4 will have the highest conc. of ions even though the second ionisation is incomplete

2.