| • Name the element described by the following configuration. | Marks |
|--|-------|
| [Kr] $5s^2 4d^{10}$ |] |
| • Write out the valence electron configuration of the following anions and in each case explain why the anion is less stable than the separated atom and electron. | 4 |
| Ne | |
| | |
| | |
| | _ |
| \mathbf{N}^- | |
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| | |

THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.