### Cognitive Level of Analysis

<table>
<thead>
<tr>
<th>Question</th>
<th>Mark</th>
<th>Studies/Theories/Approach</th>
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| Outline **2-3 principles** that define the cognitive level of analysis and explain how these principles may be demonstrated in research. (22) OR Outline one principle that defines the cognitive level of analysis and explain how this principle may be demonstrated in research. (8) | 8/22 | • Human beings are information processors and mental processes guide behaviour → Bartlett, LeDoux  
  • Cognitive processes are influenced by social and cultural factors → Bartlett, Brewer and Treyens  
  • The mind can be studied scientifically → Corkin et al (H.M.), Loftus and Palmer |
| Evaluate schema theory (22) OR Describe one research study that investigated schema theory (8) | 8/22 | • Barlett  
  • Brewer and Treyens |
| Evaluate two models or theories of the cognitive process with reference to research studies (22) OR Evaluate one model or theory of one cognitive process with reference to one research studies (8) | 8/22 | • Schema theory on memory → Bartlett OR Brewer and Treyens  
  • Flashbulb memory theory on memory → Brown and Kulik OR Neisser and Harsch |
| Explain how **biological factors** may affect one cognitive process (22) OR Explain how one biological factor may affect one cognitive process (8) | 8/22 | • Hippocampus on memory → Milner (H.M.)  
  • Acetylcholine on memory → Martinez and Kesner |
| Discuss how social and/or cultural factors affect one cognitive process | 22   | • Cultural factors on memory → Bartlett, Brewer and Treyens  
  • Social factors on memory → Loftus and Palmer, Bartlett |
| Evaluate the extent to which a cognitive process is reliable | 22   | • Reconstructed memory → Bartlett, Brewer and Treyens OR Loftus and Palmer |
| Discuss the use of technology in investigating cognitive processes | 22   | • MRI → Corkin et al (H.M.)  
  • EEG → **Palva |
| To what extent do cognitive and biological factors interact in emotion? | 22   | • Biological → LeDoux’s theory of the emotional brain  
  • Cognitive → Lazarus appraisal theory  
  • Cognitive appraisal → Speisman et al |
| **Evaluate** one theory of how emotions may affect one cognitive process (22) OR Outline one theory of how emotions may affect one cognitive process (8) | 8/22 | • Flashbulb memory theory → Brown and Kulik, Neisser and Harsch |

NEW STUDIES: 10 | TOTAL STUDIES: 21