

AS 4: Brain Science

| Centre No: | | Candidate No: | | | | |
|---|------------------|----------------------|--------------|--------------|--------------|--------------|
| * Investigation not linked to specific LO but should be included in portfolio evidence as a submission | | | | | | |
| Note: the numbers in brackets relate to the bullet point within submission requirements on page 94 of the specification. | | | | | | |
| Portfolio Tasks | Learning Outcome | Assessment Objective | Marks Band 1 | Marks Band 2 | Marks Band 3 | Marks Band 4 |
| Investigation into materials used to protect the brain (2) | * | AO3(i) | 1-6 | 7-13 | 14-20 | 21-26 |
| | | | 1-7 | 8-14 | 15-21 | 22-28 |
| | | AO3 (ii) | | | | |
| Fact sheet on the brain (1) | 4.1.1 | AO1 | 1-3 | 4-6 | 7-9 | 10-12 |
| | 4.1.2 | | | | | |
| | 4.1.3 | | | | | |
| | 4.1.4 | | | | | |
| Centre Devised 1: Adrenaline investigation | 4.1.5 | AO3(i) | 1-6 | 7-13 | 14-20 | 21-26 |
| | | | 1-7 | 8-14 | 15-21 | 22-28 |
| | | AO3 (ii) | | | | |
| Fact sheet on the brain (1) | 4.1.6 | AO1 | 1-3 | 4-6 | 7-9 | 10-12 |
| | 4.1.7 | | | | | |
| | 4.1.8 | | | | | |
| | 4.1.9 | | | | | |
| | 4.1.10 | | | | | |
| | 4.1.11 | AO2 | 1-4 | 5-7 | 8-10 | 11-14 |
| Statistical research (8) | | | 1-7 | 8-14 | 15-21 | 22-28 |
| | 4.1.12 | AO3(ii) | | | | |
| Fact sheet on stress (3) | 4.2.1 | AO1 | 1-3 | 4-6 | 7-9 | 10-12 |
| | 4.2.2 | | | | | |
| | 4.2.3 | | | | | |
| | | | 1-4 | 5-7 | 8-10 | 11-14 |
| | 4.2.4 | AO2 | | | | |
| | 4.2.5 | AO3(ii) | 1-7 | 8-14 | 15-21 | 22-28 |
| Investigation on stress (4) | * | | 1-6 | 7-13 | 14-20 | 21-26 |
| | | AO3(i) | | | | |
| | | | 1-7 | 8-14 | 15-21 | 22-28 |
| | | AO3(ii) | | | | |

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| Fact sheet on memory (5) | | | 1-3 | 4-6 | 7-9 | 10-12 |
| | 4.3.1 | AO1 | | | | |
| | 4.3.2 | | | | | |
| | 4.3.3 | | | | | |
| | 4.3.4 | | | | | |
| 4.3.5 | AO2 | 1-4 | 5-7 | 8-10 | 11-14 | |
| Centre Devised 2: Eye witness statements | 4.3.6 | AO1 | 1-3 | 4-6 | 7-9 | 10-12 |
| Investigation on memory (6) | * | | 1-6 | 7-13 | 14-20 | 21-26 |
| | | AO3(i) | | | | |
| | | | 1-7 | 8-14 | 15-21 | 22-28 |
| | AO3 (ii) | | | | | |
| Centre Devised 3: Psychopathology and treatment | | | 1-3 | 4-6 | 7-9 | 10-12 |
| | 4.4.1 | AO1 | | | | |
| | | | 1-4 | 5-7 | 8-10 | 11-14 |
| | 4.4.2 | AO2 | | | | |
| | | | 1-3 | 4-6 | 7-9 | 10-12 |
| | 4.4.3 | AO1 | | | | |
| 4.4.4 | | | | | | |
| 4.4.5 | | | | | | |
| Evaluation of scientific methods (7) | | | 1-3 | 4-6 | 7-9 | 10-12 |
| | 4.5.1 | AO1 | | | | |
| | 4.5.2 | | | | | |
| | 4.5.3 | | | | | |
| | | | 1-6 | 7-13 | 14-20 | 21-26 |
| | 4.5.4 | AO3(i) | | | | |
| | | | 1-7 | 8-14 | 15-21 | 22-28 |
| | 4.5.5 | AO3(ii) | | | | |
| | | | 1-4 | 5-7 | 8-10 | 11-14 |
| | 4.5.6 | AO2 | | | | |
| | 4.5.7 | | | | | |
| | 4.5.8 | | | | | |
| | 4.5.9 | | | | | |
| | 4.5.10 | | | | | |
| | 4.5.11 | | | | | |
| | | 1-7 | 8-14 | 15-21 | 22-28 | |
| 4.5.12 | AO3(ii) | | | | | |
| | | 1-4 | 5-7 | 8-10 | 11-14 | |
| 4.5.13 | AO2 | | | | | |
| 4.5.14 | | | | | | |
| 4.5.15 | | | | | | |
| Note: 4.5.4 - 4.5.15 CAN BE ANNOTATED THROUGHOUT THE PRACTICAL INVESTIGATIONS | | | | | | |

| round up and record totals as whole numbers | | | |
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| Assessment Objective | AO Total | Divide By | total |
| AO1 | | 24 | /12 |
| AO2 | | 13 | /14 |
| AO3(i)- Practical | | 5 | /26 |
| AO3(ii)- Theory | | 8 | /28 |
| Total | | | /80 |