**Sample Assessment Outline**

Human Biology

ATAR Year 11

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Sample assessment outline

Human Biology – ATAR Year 11

Unit 1 and Unit 2

| **Assessment type (from syllabus)** | **Assessment type weighting (from syllabus)** | Assessment task weighting | **When** | **Assessment task** |
| --- | --- | --- | --- | --- |
| Science inquiry | 20% | 3% | Semester 1  Week 3 | **Task 1:** Practical – Enzyme function |
| 3.5% | Semester 1  Week 4  Due Week 8 | Task 3: Investigation – Cardiovascular health in teenagers |
| 3.5% | Semester 1  Week 10 | Task 6: Practical – Effect of digestive enzymes on food |
| 5% | Semester 2  Week 1 | Task 11: Practical – Extraction of DNA from strawberries |
| 5% | Semester 2  Week 6 | Task 14: Practical – Ugly Bugs: Modelling crossing over, non-disjunction, random assortment and gene linkage |
| Extended response | 15% | 3.5% | Semester 1  Week 9 | Task 5: Extended response – Cardiovascular diseases and treatments |
| 4% | Semester 1  Week 14 | Task 8: Extended response – Osteoporosis and osteoarthritis research assignment |
| 3.5% | Semester 2  Week 4 | Task 12: Extended response – Gene expression |
| 4% | Semester 2  Week 11 | Task 16: Extended response – Reproductive technologies research assignment |
| Test | 25% | 3% | Semester 1  Week 3 | Task 2: Test – Metabolism and enzymes |
| 3.5% | Semester 1  Week 8 | **Task 4:** Test – Respiratory and circulatory systems |
| 3% | Semester 1  Week 13 | **Task 7:** Test – Digestive and excretory systems |
| 3% | Semester 1  Week 15 | **Task 9:** Test–Musculoskeletal system |
| 4% | Semester 2  Week 4 | **Task 13:** Test – DNA and protein synthesis |
| 4% | Semester 2  Week 7 | **Task 15:** Test – Mitosis and meiosis |
| 4.5% | Semester 2  Week 14 | **Task 17:** Test – Reproduction and inheritance |
| Examination | 40% | 20% | Examination week | Task 10: Semester 1 examination  2.5 hours using a modified examination design brief from the ATAR Year 12 syllabus  Section One: 20 multiple-choice questions (20%)  Section Two: 6–8 short answer questions (60%)  Section Three:two questions from a choice of three (20%) |
| 20% | Examination week | Task 18: Semester 2 examination  3 hours using a modified examination design brief from the ATAR Year 12 syllabus  Section One: 30 multiple-choice questions (30%)  Section Two: 6–8 short answer questions (50%)  Section Three: two questions from a choice of three (20%) |
| Total | 100% | 100% |  |  |