|  |  |  |
| --- | --- | --- |
| **Biology Paper 1** | **Chemistry Paper 1** | **Physics Paper 1** |
| **Cell Biology** | B1 Cell structure and transport.  | **Atomic structure and the PT** | C1 Atomic Structure  | **Energy** | P1 Conservation and dissipation of energy  |
| B2 Cell division  | C2 The Periodic Table  | P2 Energy transfers by heating  |
| **Organisation** | B3 Organisation and the digestive system. | **Bonding , Structure and the properties of matter** | C3 Structure and Bonding  | **Electricity** | P3 Energy Resources  |
| B4 Organising animals and plants  | **Quantitative chemistry**  | C4 Chemical Calculations  | P4 Electric Circuits (8+2RP) |
| **Infection and response**  | B5 Communicable Disease  | **Chemical changes** | C5 Chemical Changes  | P5 Mains Electricity |
| B6 Preventing and treating disease  | C6 Electrolysis  | **Particle model of matter** | P6 Molecules and Matter  |
| B7 Non communicable diseases  | **Energy changes** | C7 Energy Changes  | **Atomic structure** | P7 Radioactivity  |
| **Bioenergetics** | B8 Photosynthesis  |  |  |  |  |
| B9 Respiration |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Biology Paper 2** | **Chemistry 2**  | **Physics 2**  |
| Homeostasis and Response | B10 Human Nervous system  | The rate and Exchange of Chemical change | C8 Rates and Equilibrium  | Forces | P8 Forces |
| P9 Motion |
| P10 Acceleration |
| P11 Force and Pressure - Physics only |
| B11 Hormones  | Organic Chemistry | C9 Crude Oil  | Waves | P12 Wave Properties |
| P13 EM Waves |
| P14 Light -Physics Only |
| **B12 Homeostasis in action Bio Only**  | C10 Organic reaction **Chem only**  | Magnetism and Electromagnetism | P15 Electromagnetism |
| Inheritance, Variation and Evolution | B13 Reproduction  | **C11 Polymers Chem only**  | Space Physics | P16 - Space - Physics only |
| B14 Variation and Evolution  | Chemical Analysis | C12 Chemical Analysis  |  |
| B15 Genetics and Evolution  | Chemistry of the atmosphere | C13 Earths Atmosphere |  |
| Ecology | B16 Adaptations and competition ( | Using Resources | C14 Earth's Resources |  |
| B17 Ecosystems  | C15 Using Resources - Chem Only |  |
| B18 Biodiversity  |  |