

TRIPLE SCIENCE PAPER 1 – REVISION TOPICS

| Biology | Chemistry | Physics |
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| Inheritance of sex-linked genetic disorders REVISION PACK TOPIC: Advanced Genetics | How to carry out a titration (6 mark question) REVISION PACK TOPIC: Titrations | Determining the critical angle for glass-air boundary REVISION PACK TOPIC: Reflection |
| Structure of the brain REVISION PACK TOPIC: The Brain | Electrolysis REVISION PACK TOPIC: Electrolysis | Lenses with focal length calculation REVISION PACK TOPIC: Lenses |
| Using standard form REVISION PACK TOPIC: Standard form | Mole calculations REVISION PACK TOPIC: Moles | Infrasound and ultrasound REVISION PACK TOPIC: Sound |
| Evaluating the effectiveness of antibiotics and explaining how they work REVISION PACK TOPIC: Microbes & Aseptic techniques and Antibiotics | Galvanising REVISION PACK TOPIC: Alloys & Corrosion | Use of radioactive isotopes in medicine REVISION PACK TOPIC: Nuclear medicine |
| Protein synthesis - role of RNA polymerase REVISION PACK TOPIC: Protein Synthesis | Uses of transition metals - iron and platinum REVISION PACK TOPIC: Transition metals | Nuclear fission REVISION PACK TOPIC: Nuclear fission & fusion |
| Food tests REVISION PACK TOPIC: Food tests & calorimetry | Prevention of corrosion REVISION PACK TOPIC: Alloys & Corrosion | |
| Adaptations of leaves REVISION PACK TOPIC: Leaf adaptations | Electroplating REVISION PACK TOPIC: Alloys & Corrosion | |
| Mendel's work with pea Plants REVISION PACK TOPIC: Advanced genetics | Haber process REVISION PACK TOPIC: Haber Process | |

TRIPLE SCIENCE PAPER 2 – REVISION TOPICS

| Biology | Chemistry | Physics |
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| Magnification on microscopes REVISION PACK TOPIC: Cells & Microscopes | Calculating relative atomic mass from abundance of isotopes REVISION PACK TOPIC: Atomic mass & isotopes | Calculating deceleration using formula $v^2 - u^2 = 2ax$ REVISION PACK TOPIC: acceleration |
| Enzyme action - specificity REVISION PACK TOPIC: Enzymes | Predicting electron configuration from position in periodic table REVISION PACK TOPIC: Atomic structure & periodic table | Calculating momentum REVISION PACK TOPIC: Momentum |
| Using standard form REVISION PACK TOPIC: Standard form | Calculating empirical formula REVISION PACK TOPIC: Empirical formula | Using data from a graph to support a conclusion |
| Importance of myelination in neurones REVISION PACK TOPIC: Nervous system | Drawing dot and cross diagrams for a covalent substance REVISION PACK TOPIC: Covalent bonding & bonding models | Path of light as it enters and leaves glass block (6 mark question) REVISION PACK TOPIC: Refraction & Reflection |
| Structure of DNA REVISION PACK TOPIC: DNA | Calculating moles in a solution REVISION PACK TOPIC: Moles | Beta decay REVISION PACK TOPIC: Radioactive decay |
| Converting to nanometres REVISION PACK TOPIC: Unit conversions | Electrolysis and half equations REVISION PACK TOPIC: Electrolysis | Calculating half-life from a decay curve graph REVISION PACK TOPIC: Half life |
| Non communicable diseases REVISION PACK TOPIC: Health & Disease | Extractions of metals from ores and phytoextraction of copper REVISION PACK TOPIC: Extracting and using metals | |
| Genetic modification of bacteria REVISION PACK TOPIC: Genetic Engineering | | |
| Testing new medicines REVISION PACK TOPIC: | | |

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| Antibiotics | | |
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