

**Trauma 999 Curriculum Links for Pearson Edexcel Level 3 Advanced GCE in Biology A
(Salters-Nuffield) (9BN0)**

Topic 1: Lifestyle, health and risk

Topic 7: Run for your life

Topic 8: Grey Matter

Topic 1: Lifestyle, health and risk

1.6 Understand the blood clotting process (thromboplastin release, conversion of prothrombin to thrombin and fibrinogen to fibrin)

Topic 7: Run for your Life

7.12 Understand homeostasis and its importance in maintaining the body in a state of dynamic equilibrium

Topic 8: Grey Matter

8.1 Know the structure and function of sensory, relay and motor neurones including the role of Schwann cells and myelination.

8.3 Understand how a nerve impulse (action potential) is conducted along an axon including changes in membrane permeability to sodium and potassium ions and the role of the myelination in saltatory conduction.