B5 test Q3:

3.1 – levelled answer – 1 / 2 / 3 with marks for spg

Cuts in the skin – platelets – cause scab formation which blocks entry of pathogens

Breathing system – hairs in airways

* Cilia – waft mucus which traps pathogens and pass pathogens out of body

Digestive system – stomach produces (hydrochloric) acid which destroys many pathogens

3.2

Produce antibodies

Ingest/engulf pathogens

3.3

Produce antibodies/ingest pathogens – so they destroy pathogens – less pathogens means less toxins are being created and less body cells being destroyed – so less symptoms.

OR

Produce anti-toxins which stop the action of toxins produced by pathogens.