

Access to H.E. National Programme Unit



Unit Title:	Body Defences		
Graded Unit Code:	GA33BIO16	Ungraded Unit Code:	UA33BIO16
Pathway(s):	Health Science and Engineering		
Module(s):	Human Biology Biology		
Level:	3	Credit Value:	3
Valid from:	31 st July 2021	Valid to:	31 st July 2026

The following QAA grade descriptors must be applied if you are delivering the graded version of this unit:

1	Understanding of the subject
2	Application of knowledge
5	Communication and presentation
7	Quality

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
1. Understand that infectious diseases are caused by pathogens	1.1 Define the term pathogen and identify causal agents for a range of infectious diseases involving bacteria, viruses, fungi and protists
	1.2 Discuss routes used by disease organisms to enter the body
	1.3 Explain the roles of 'resident flora' in preventing infection and as sources of infection
2. Understand the non-specific defences of the body against infectious disease	2.1 Describe how the skin and mucous membranes help to prevent infection

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	<p>2.2 Describe the main stages in formation of a blood clot and evaluate the importance of specific factors (e.g. platelets, vitamin K, air and blood proteins).</p>
	<p>2.3 Describe the role of non-specific macrophages in preventing infection</p>
<p>3. Understand the specific defences of the body against infectious disease and the application of these in medicine</p>	<p>3.1 Distinguish between antigens and antibodies and explain the structure of an antibody molecule</p>
	<p>3.2 Discuss the differences between humoral and cell-mediated immunity</p>
	<p>3.3 Evaluate the clonal selection hypothesis in terms of autoimmunity and immunological memory</p>
	<p>3.4 Compare and contrast natural, acquired, active and passive immunity, giving examples of each</p>