

Mark scheme

Question		Answer/Indicative content					Marks	Guidance																									
1		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th><th>Hormonal</th><th>Non-hormonal</th><th>Stops sperm entering the uterus</th><th>Stops ova (eggs) being released</th></tr> </thead> <tbody> <tr> <td>Condom</td><td></td><td>✓</td><td>✓</td><td></td></tr> <tr> <td>Diaphragm</td><td></td><td>✓</td><td>✓</td><td></td></tr> <tr> <td>IUD</td><td></td><td>✓</td><td></td><td></td></tr> <tr> <td>Combined pill</td><td>✓</td><td></td><td></td><td>✓</td></tr> </tbody> </table>						Hormonal	Non-hormonal	Stops sperm entering the uterus	Stops ova (eggs) being released	Condom		✓	✓		Diaphragm		✓	✓		IUD		✓			Combined pill	✓			✓	4 (4 x AO 1.1)	<p>One mark for each correct row ALLOW Hormonal and non-hormonal together for IUD, but not Hormonal on its own.</p> <p>Examiner's Comments</p> <p>This question discriminated between students at different grades well and there was an even spread of marks given between zero to three. Only a small number of candidates were given maximum marks. The most common correct response was for the understanding of condoms stopping sperm entering the uterus and were non-hormonal. The most common incorrect response was for the IUD and how it works.</p>
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4		Total					1																										
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			✓✓✓✓✓		Candidates thought it was not part of either system. Centres could reinforce the key endocrine glands in future as a key knowledge gap.
		Total	5		
4		A	1 (AO 2.1)	Examiner's Comments	This was the most accessible question in the multiple choice Section A, with most candidates correctly answering A and identifying auxin as the plant hormone which is responsible for growth towards the light-phototropism.
		Total	1	Examiner's Comments	
5		A ✓	1 (AO 2.1)	Examiner's Comments	This question proved to be the most challenging question in Section A. Many candidates did not recognise that the shoot would bend to the left due more auxin collected on the shaded side of the shoot which would cause more cell elongation. The most common incorrect answer was the shoot will bend to the right, answering B instead of A.
		Total	1		