

16. Reproduction

16.1 Asexual reproduction

Paper 3 and 4

Marking Scheme

Q1.

(b)	R ; S ;	2	
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Q2.

(c)	any three from:	
	asexual reproduction:	sexual reproduction:
	1	both produce offspring / AW
	2	one parent two parents
	3	genetically identical offspring / clone genetically different offspring
	4	no involvement of gametes (named) gametes
	5	no fertilisation fertilisation / fusion of gametes
	6	no variation variation
	7	fast slow
	8	mitosis meiosis (and mitosis)
9	less energy required more energy required	

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3	one mark per row response does not have to be in a table
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Q3.

(d)				4	one mark for each correct row
	features of reproduction	asexual reproduction	sexual reproduction		
	involves gametes		✓		
	makes more of the same kind of organism	✓	✓		
	produces genetically identical offspring	✓			
	involves fertilisation		✓		

Q4.

(d)	A ; C ; involves only one <u>parent</u> / does not involve two <u>parents</u> ;	3	
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