

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

Q3.

(d)	features of reproduction	asexual reproduction	sexual reproduction	4 one mark for each correct row
	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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