## Markscheme

D		asexual reproduction	Sexual reproduction
		used by both unicell	Jular & multicellular organisms
		pro	oduce offspring
		one individual only	two unidividuals (male + female)
		offspring genetically identical	
		faster	slower
		gametes not (usunlly) produced	ed gametes produced
	o courrel a	reproduction (females only,	
	aserval	reproduction (temains only)	no marcs /
رط	any suitab	le advantage, such as:	
	<b>^</b> '	an reproduce without male s	sharks present
	females c	san reproduce more quickly	compared to sexual reproduction
C)	any suitab	le advantage, such as:	
	offspring	will show variation, some i	more likely to be adapted to changing environment
3 a)	asexual re	production (vegetative reproc	duction, runners)
رط	offspring	from ascreval reproduction are	genetically identical to their parent.
			offspring from asexual reproduction are also likely to grow well as they will be in the
	same condit		g from scauel reproduction will very, so some may not be so well suited to conditions
C)	variation	in the offspring means that the	by animals and so are likely to be in different conditions from their parent plant are is a greater chance that some offspring will be well adapted to the
	DITCHAL	conditions and so, grow well	
4 0	) The saw	fish population was so small	that the female parent might not have able to find a mate
Ł	) environme better ada	entel conditions usually vary, apted to the new conditions and	, so producing offspring that vary genetically increases the chance that some may be so more likely to survive and reproduce