

Reproduction Mark Scheme

8.	C	
11.	C	
7.	D	
8	C	
9.	D	1

(b)	(i)	Testis/testes	1	Accept testicles
	(ii)	Sperm <u>nucleus</u> and egg <u>nucleus</u> fuse or join together/sperm and egg <u>nuclei</u> fuse/gamete <u>nuclei</u> fuse or join together	1	Must be clear it is the two nuclei which are involved
	(iii)	Haploid cell or egg has half the number of chromosomes OR Diploid cell or zygote has double/twice the number of chromosomes OR Haploid cell or egg has one set of chromosomes/ 23 chromosomes whereas diploid cell or zygote has two sets of chromosomes/46 chromosomes	1	Must refer to chromosomes Accept - sex cell or gamete as an alternative to egg

8.	(a)	Testis OR Ovary	1	Singular or plural accepted
	(b)	(i) Haploid - Haploid Diploid	1	
		(ii) Zygote	1	