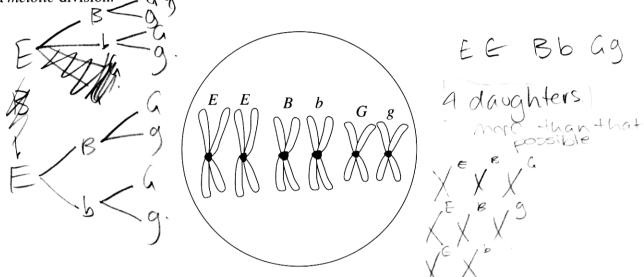
Marks

## 2002 HIGHER SCHOOL CERTIFICATE EXAMINATION Biology

## Section I – Part B (continued)

## Question 22 (4 marks)

The diagram shows a cell containing three pairs of chromosomes just prior to 4 a *meiotic* division.



Assuming that random segregation occurs, construct a table that lists the possible genotypes that could be produced and states the expected frequency for each expected prequency expected prequ

genotype.		Genotype table.			FP a - 1	
		BO	BG	69	bG	EDY A
	E	EBg	EBG	Ebg	EbG	Ebg-=
Ē	E IL	EBg	EBG	Ebg	EbG	Ebu-7
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