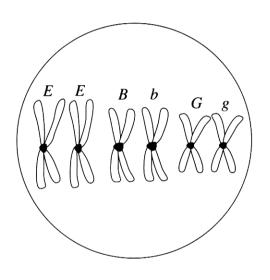
## 2002 HIGHER SCHOOL CERTIFICATE EXAMINATION Biology

## 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 genotype.

## Marks