2002 HIGHER SCHOOL CERTIFICATE EXAMINATION

Biology

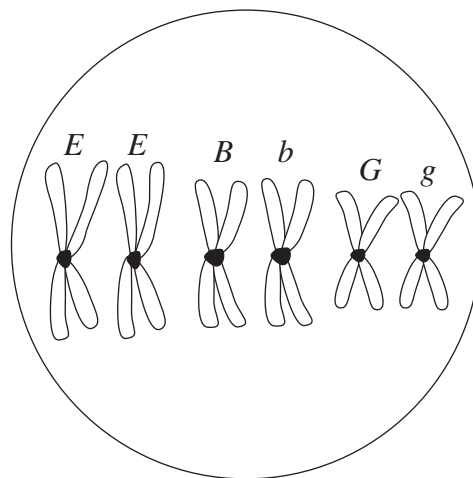Centre Number

Section I – Part B (continued)

Student Number

Marks

Question 22 (4 marks)

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

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.