



## CHAPTER 3: HEREDITY AND VARIATION

- 1 Ahmad and Fatimah have genotype Bb where B is the dominant gene for brown eyes and b is the recessive gene for blue eyes. How many per cent of their children can be expected to have blue eyes?
  - A 25%
  - B 50%
  - C 75%
  - D 100%
- 2 Two similar plants with genotype Tt were crossed. Draw a schematic diagram to show the genotype of the first generation.  
(T = dominant gene for tallness, t = recessive gene for dwarfness)  
State the phenotype of the seedlings in the first generation.