

Worksheet: Principles of Inheritance and Variation

Gujarat State Board · Class 12 · Biology · 5 questions · 12 marks

Name: _____

Date: _____

Score: _____ / 12

Q1. A $Tt \times tt$ cross produces 200 offspring. How many are tall? *[2 marks]*

Q2. If the father is $I^A I^B$ and the mother is $I^A i$, what blood groups can the children have? *[3 marks]*

Q3. Why is colour blindness more common in males than females? *[3 marks]*

Q4. Differentiate between Turner and Klinefelter syndromes. *[2 marks]*

Q5. In a $YyRr \times YyRr$ cross, what is the probability of a $YYRR$ offspring? *[2 marks]*
