

---

## Worksheet: Biotechnology and Its Applications

NIOS · Class 12 · Biology · 5 questions · 12 marks

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_ / 12

**Q1.** What is the function of the GEAC in India? *[2 marks]*

---

---

---

**Q2.** List two advantages of GM crops. *[2 marks]*

---

---

---

**Q3.** How is recombinant insulin produced? *[3 marks]*

---

---

---

**Q4.** Why is Bt toxin harmless to humans but lethal to insects? *[2 marks]*

---

---

---

**Q5.** What is gene therapy? Give an example of a disease treated by it. *[3 marks]*

---

---

---