

I

|       |   |             |
|-------|---|-------------|
| [ 2 ] |   | ① ② ③ ④ ⑤ ⑥ |
| [ 5 ] |   | ① ② ③       |
| [ 6 ] |   | ① ② ③ ④ ⑤   |
| [ 7 ] | f | ① ② ③ ④ ⑤ ⑥ |
|       | r | ① ② ③ ④ ⑤ ⑥ |
| [ 9 ] |   | ① ② ③ ④ ⑤ ⑥ |

II

|       |   |                     |
|-------|---|---------------------|
| [ 1 ] | あ | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | い | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | う | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | え | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | お | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | か | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
| [ 6 ] | き | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | く | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | け | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | こ | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | さ | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |
|       | し | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ |

III

|       |      |                 |
|-------|------|-----------------|
| [ 2 ] |      | ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ |
| [ 3 ] |      | ① ② ③ ④ ⑤ ⑥     |
| [ 4 ] | 細菌 X | ① ② ③ ④ ⑤ ⑥     |
|       | 細菌 Y | ① ② ③ ④ ⑤ ⑥     |
| [ 5 ] |      | ① ② ③ ④ ⑤ ⑥     |
| [ 7 ] |      | ① ② ③ ④ ⑤ ⑥ ⑦   |
| [ 8 ] |      | ① ② ③ ④ ⑤       |
| [ 9 ] |      | ① ② ③ ④ ⑤ ⑥     |

IV

|       |     |                |
|-------|-----|----------------|
| [ 1 ] |     | ① ② ③ ④ ⑤      |
| [ 2 ] | (ア) | ① ② ③ ④        |
| [ 3 ] | (イ) | 偽遺伝子内の置換 ① ② ③ |
|       |     | 同義置換 ① ② ③     |
|       |     | 非同義置換 ① ② ③    |
| [ 4 ] | (ア) | ① ② ③ ④        |

I

|       |      |   |   |  |
|-------|------|---|---|--|
| [ 1 ] | あ    |   | い |  |
|       | う    |   | え |  |
| [ 3 ] |      |   |   |  |
| [ 4 ] |      | 回 |   |  |
| [ 8 ] | 断片の数 |   |   |  |
|       | 塩基対数 |   |   |  |

II

|       |                      |                                                                            |
|-------|----------------------|----------------------------------------------------------------------------|
| [ 2 ] |                      |                                                                            |
| [ 3 ] | ↑<br>反応の<br>大きさ<br>0 | <div><div>弱い刺激</div><div>中程度の刺激</div><div>強い刺激</div></div> <div>時間 →</div> |
|       |                      |                                                                            |
| [ 4 ] |                      |                                                                            |
| [ 5 ] | 伝導のしかた               |                                                                            |
|       | 部位名                  |                                                                            |
| [ 7 ] |                      |                                                                            |
| [ 8 ] | 過程 1                 |                                                                            |
|       | 過程 2                 |                                                                            |

III

|        |   |   |
|--------|---|---|
| [ 1 ]  | あ |   |
|        | い |   |
|        | か |   |
|        | き |   |
| [ 6 ]  |   |   |
| [ 10 ] |   | g |

IV

|       |     |                                                                             |   |   |   |   |   |   |         |
|-------|-----|-----------------------------------------------------------------------------|---|---|---|---|---|---|---------|
| [ 2 ] | (イ) |                                                                             |   |   |   |   |   |   |         |
| [ 3 ] | (ア) | /1000 万年                                                                    |   |   |   |   |   |   |         |
|       | (ウ) | 配列 1 . . .                                                                  | L | R | F | C | C | S | R . . . |
|       |     | 配列 2 . . .                                                                  |   |   |   |   |   |   | . . .   |
| [ 4 ] | (イ) | <div><div>(う) → ( )</div><div>(エ) ( ) → ( )</div><div>( ) → ( )</div></div> |   |   |   |   |   |   |         |
|       |     |                                                                             |   |   |   |   |   |   |         |