check1

# Question 1

The total number of reagents from those given below, that can convert nitrobenzene into aniline is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Integer answer)

|  |  |
| --- | --- |
| \(I . \mathrm{Sn}-\mathrm{HCI}\) | \(\mathrm{II} \cdot \mathrm{Sn}-\mathrm{NH}\_4 \mathrm{OH}\) |
| \(I I I \cdot \mathrm{Fe}-\mathrm{HCl}\) | \(I V \cdot \mathrm{Zn}-\mathrm{HCI}\) |
| \(V \cdot \mathrm{H}\_2-\mathrm{Pd}\) | \(V I \cdot \mathrm{H}\_2-\) Raney nickel |

# Question 2

Match List I with List II.

|  |  |
| --- | --- |
| List-I | List-II |
| A. Benzenesulphonyl Chloride | I. Test for primary amines |
| B. Hoffmann bromamide reaction | II. Anti Saytzeff |
| C. Carbylamine reaction | III. Hinsberg reagent |
| D. Hoffmann orientation | IV. Known reaction of Isocyanates |

Choose the correct answer from the options given below:

1. A-IV, B-III, C-II, D-I
2. A-IV, B-II, C-I, D-II
3. A-III, B-IV, C-I, D-II
4. A-IV, B-III, C-I, D-II

# Question 3

The total number of reagents from those given below, that can convert nitrobenzene into aniline is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (Integer answer)

|  |  |
| --- | --- |
| \(I . \mathrm{Sn}-\mathrm{HCI}\) | \(\mathrm{II} \cdot \mathrm{Sn}-\mathrm{NH}\_4 \mathrm{OH}\) |
| \(I I I \cdot \mathrm{Fe}-\mathrm{HCl}\) | \(I V \cdot \mathrm{Zn}-\mathrm{HCI}\) |
| \(V \cdot \mathrm{H}\_2-\mathrm{Pd}\) | \(V I \cdot \mathrm{H}\_2-\) Raney nickel |

# Question 4

Match List I with List II.

|  |  |
| --- | --- |
| List-I | List-II |
| A. Benzenesulphonyl Chloride | I. Test for primary amines |
| B. Hoffmann bromamide reaction | II. Anti Saytzeff |
| C. Carbylamine reaction | III. Hinsberg reagent |
| D. Hoffmann orientation | IV. Known reaction of Isocyanates |

Choose the correct answer from the options given below:

1. A-IV, B-III, C-II, D-I
2. A-IV, B-II, C-I, D-II
3. A-III, B-IV, C-I, D-II
4. A-IV, B-III, C-I, D-II