**Single Correct Choice**

|  |  |
| --- | --- |
| **subject** | physics |
| **question** | Which is not deflected by magnetic field – werwe |
| **question\_hindi** |  <$\left(x+a\right)^{n}=\sum\_{k=0}^{n}\left(\genfrac{}{}{0pt}{}{n}{k}\right)x^{k}a^{n-k}$ |
| **question\_image** |  \[\begin{align} & {{N}\_{2}}{{O}\_{5}}(g)\to N{{O}\_{2}}(g)+N{{O}\_{3}}(g)\begin{matrix} {} & {} \\\end{matrix}slow \\  & N{{O}\_{3}}(g)\to {{O}\_{2}}(g)+NO(g)\begin{matrix} {} & {} \\\end{matrix}fast \\  & NO(g)+{{N}\_{2}}{{O}\_{5}}(g)\to 3N{{O}\_{2}}(g)\begin{matrix} {} & {} \\\end{matrix}fast \\ \end{align}\] |
| **question\_type** | single\_choice |
| **level** | Easy |
| **optionA** | Neutron\[\begin{align} & {{N}\_{2}}{{O}\_{5}}(g)\to N{{O}\_{2}}(g)+N{{O}\_{3}}(g)\begin{matrix} {} & {} \\\end{matrix}slow \\  & N{{O}\_{3}}(g)\to {{O}\_{2}}(g)+NO(g)\begin{matrix} {} & {} \\\end{matrix}fast \\  & NO(g)+{{N}\_{2}}{{O}\_{5}}(g)\to 3N{{O}\_{2}}(g)\begin{matrix} {} & {} \\\end{matrix}fast \\ \end{align}\] |
| **option1\_hindi** |  |
| **optionB** | Positron |
| **Option2\_hindi** |  |
| **optionC** | Proton |
| **Option3\_hindi** |  |
| **optionD** | Electron |
| **option4\_hindi** |  |
| **solution\_english** | Neutron is charge less entity  |
| **solution\_hindi** |  |
| **is\_pyq** | Yes |
| **pyq\_year** |  2012 |
| **answer** | A |
| **assertion\_english** | A |
| **assertion\_hindi** | A |
| **reason\_english** | A |
| **reason\_hindi** | A |

|  |  |
| --- | --- |
| **subject** | Chemistry |
| **question** | Which of the following compounds are amphoteric in nature |
| **question\_hindi** |   |
| **question\_image** |   |
| **question\_type** | multiple\_choice |
| **level** | Easy |
| **optionA** | Al2O3\text{Al}\_2\text{O}\_3Al2​O3​ |
| **option1\_hindi** |  |
| **optionB** | ZnO |
| **Option2\_hindi** |  |
| **optionC** | Proton |
| **Option3\_hindi** |  |
| **optionD** | Electron |
| **option4\_hindi** |  |
| **solution\_english** | Both Al2O3\text{Al}\_2\text{O}\_3Al2​O3​ and ZnO\text{ZnO}ZnO react with acids and bases, making them amphoteric |
| **solution\_hindi** |  |
| **is\_pyq** |  |
| **pyq\_year** |   |
| **answer** | A,B |
| **assertion\_english** |  |
| **assertion\_hindi** |  |
| **reason\_english** |  |
| **reason\_hindi** |  |