

Saitechinfo NEET-JEE Academy

Here are 30 questions based on the concept of determining oxidation numbers, designed to test and enhance understanding:

1. Determine the oxidation number of oxygen in H_2O .
2. Find the oxidation number of sulfur in H_2SO_4 .
3. Calculate the oxidation number of carbon in CH_4 .
4. What is the oxidation number of nitrogen in NH_3 ?
5. Determine the oxidation number of chromium in $Cr_2O_7^{2-}$.
6. Find the oxidation number of manganese in $KMnO_4$.
7. Calculate the oxidation number of chlorine in Cl_2 .
8. What is the oxidation number of iron in Fe_2O_3 ?
9. Determine the oxidation number of phosphorus in H_3PO_4 .
10. Find the oxidation number of hydrogen in NaH .
11. Calculate the oxidation number of nitrogen in NO_3^- .
12. What is the oxidation number of oxygen in O_2 ?
13. Determine the oxidation number of carbon in CO_2 .
14. Find the oxidation number of sulfur in SO_2 .
15. Calculate the oxidation number of bromine in BrO_3^- .
16. What is the oxidation number of oxygen in peroxides like H_2O_2 ?
17. Determine the oxidation number of iron in $Fe(CN)_6^{3-}$.
18. Find the oxidation number of sulfur in H_2SO_3 .
19. Calculate the oxidation number of nitrogen in N_2H_4 .
20. What is the oxidation number of chlorine in ClO^- ?
21. Determine the oxidation number of lead in PbO_2 .
22. Find the oxidation number of phosphorus in PCl_5 .
23. Calculate the oxidation number of carbon in C_2H_6 .
24. What is the oxidation number of manganese in MnO_2 ?
25. Determine the oxidation number of iodine in ICl_3 .
26. Find the oxidation number of chromium in $K_2Cr_2O_7$.
27. Calculate the oxidation number of oxygen in superoxides like KO_2 .
28. What is the oxidation number of nitrogen in N_2O_4 ?
29. Determine the oxidation number of copper in $CuSO_4$.
30. Find the oxidation number of sulfur in $Na_2S_2O_3$.

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