

PART 1 - CHEMISTRY

Topic : Coordination compounds

SECTION-1 : (Maximum Marks : 4)

- This section contains **ONE** question.
- The answer to each question is a **NON-NEGATIVE INTEGER**.
- For each question, enter the correct integer corresponding to the answer in the place designated to enter the answer.
- Answer to each question will be evaluated according to the following marking scheme :

Full Marks : +4 If ONLY the correct answer is entered;

Zero Marks : 0 In all other cases.

1. Among $\text{V}(\text{CO})_6$, $\text{Cr}(\text{CO})_5$, $\text{Cu}(\text{CO})_3$, $\text{Mn}(\text{CO})_5$, $\text{Fe}(\text{CO})_5$, $[\text{Co}(\text{CO})_3]^{3-}$, $[\text{Cr}(\text{CO})_4]^{4-}$, and $\text{Ir}(\text{CO})_3$, the total number of species isoelectronic with $\text{Ni}(\text{CO})_4$ is _____.

[Given, atomic number: V = 23, Cr = 24, Mn = 25, Fe = 26, Co = 27, Ni = 28, Cu = 29, Ir = 77]

[JEE Advanced 2024 Paper 1]

Scan or tap for the
full solution

Space for Rough Work

Test Pattern : **JEE (Advanced)**

SECTION-1

[illegible]