

NEET D- AND F-BLOCK ELEMENTS — OXIDES AND OXO-ANIONS OF TRANSITION METALS — PYQS

Max. Marks: 8

Questions: 2

Section A (MCQ) — 2 questions

- Q.1** Which of the following statements are INCORRECT?
- All the transition metals except scandium form MO oxides which are ionic.
 - The highest oxidation number corresponding to the group number in transition metal oxides is attained in Sc_2O_3 to Mn_2O_7 .
 - Basic character increases from V_2O_3 to V_2O_4 to V_2O_5 .
 - V_2O_4 dissolves in acids to give VO_4^{3-} salts.
 - CrO is basic but Cr_2O_3 is amphoteric.
- Choose the correct answer from the options given below:
- [NEET (UG) 2023]
- (1) B and D only (2) C and D only
(3) B and C only (4) A and E only

Scan or tap for the
full solution



- Q.2** The basic character of the transition metal monoxides follows the order
(Atomic nos. Ti = 22, V = 23, Cr = 24, Fe = 26)
- [AIPMT 2003]
- $\text{VO} > \text{CrO} > \text{TiO} > \text{FeO}$
 - $\text{CrO} > \text{VO} > \text{FeO} > \text{TiO}$
 - $\text{TiO} > \text{FeO} > \text{VO} > \text{CrO}$
 - $\text{TiO} > \text{VO} > \text{CrO} > \text{FeO}$

Scan or tap for the
full solution



ANSWER KEY

Ques.	1	2									
Ans.	2	4									