

NEET REDOX REACTIONS — BALANCING OF REDOX REACTIONS — PYQS

Max. Marks: 8
Questions: 2

Section A (MCQ) — 2 questions

- Q.1** On balancing the given redox reaction,
 $a\text{Cr}_2\text{O}_7^{2-}(\text{aq}) + b\text{SO}_3^{2-}(\text{aq}) + c\text{H}^+(\text{aq}) \longrightarrow$
 $2a\text{Cr}^{3+}(\text{aq}) + b\text{SO}_4^{2-}(\text{aq}) + \frac{c}{2}\text{H}_2\text{O}(\ell)$
 the coefficients a, b and c are found to be,
 respectively - [NEET (UG) 2023]
 (1) 3, 8, 1 (2) 1, 8, 3 (3) 8, 1, 3 (4) 1, 3, 8

 Scan or tap for the
full solution


- Q.2** For the redox reaction,
 $\text{MnO}_4^- + \text{C}_2\text{O}_4^{2-} + \text{H}^+ \longrightarrow \text{Mn}^{2+} + \text{CO}_2 + \text{H}_2\text{O}$
 The correct coefficients of the reactants for the
 balanced equation are [NEET 2018]

(1)

MnO_4^-	$\text{C}_2\text{O}_4^{2-}$	H^+
16	5	2

(2)

MnO_4^-	$\text{C}_2\text{O}_4^{2-}$	H^+
2	5	16

(3)

MnO_4^-	$\text{C}_2\text{O}_4^{2-}$	H^+
2	16	5

(4)

MnO_4^-	$\text{C}_2\text{O}_4^{2-}$	H^+
5	16	2

 Scan or tap for the
full solution


ANSWER KEY

Ques.	1	2																	
Ans.	4	2																	