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NEET D- AND F-BLOCK ELEMENTS — GENERAL CHARACTERISTICS OF ACTINOIDS AND COMPARISON WITH LANTHANOIDS — PYQS

Max. Marks: 8 **Questions:** 2

Section A (MCQ) — 2 questions

Q.1 The incorrect statement among the following is : [NEET (UG) 2021]

(1) Actinoids are highly reactive metals, especially when finely divided.

(2) Actinoid contraction is greater for element to element than lanthanoid contraction.

(3) Most of the trivalent Lanthanoid ions are colorless in the solid state.

(4) Lanthanoids are good conductors of heat and electricity.

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Q.2 More number of oxidation states are exhibited by the actinoids than by the lanthanoids. The main reason for this is [AIPMT 2006]

(1) more active nature of the actinoids

(2) more energy difference between 5f and 6d orbitals than that between 4f and 5d orbitals

(3) lesser energy difference between 5f and 6d orbitals than that between 4f and 5d orbitals

(4) greater metallic character of the lanthanoids than that of the corresponding actinoids.

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ANSWER KEY

Ques.	1	2									
Ans.	3	3									