

**SMART EXAM RESOURCES**  
**9701 AS CHEMISTRY TOPIC QUESTIONS**  
**TOPIC: ATOMIC STRUCTURE**  
**SUB-TOPIC: ELECTRON BOXES-NOTATION**  
**SET-1**

**1.3.3-Use-of-Electrons-in-Boxes-Notation-Set-1**

1.

An atom has eight electrons.

Which diagram shows the electronic configuration of this atom in its lowest energy state?

- A**

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- B**

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- C**

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- D**

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