PRINCE EDWARD ISLAND CHEMISTRY 11 · UNIT A · 5 QUESTIONS

Structure and Properties of Chemicals and Chemical Bonds — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **An atom with 7 valence electrons tends to**

- **A** gain 1 electron
- **B** lose 7 electrons
- **C** gain 7 electrons
- **D** lose 1 electron

Understand It with Pulse | Flag a mistake

2

A physics lab pulley clamped to the edge of a wooden lab table, a rope running over the pulley with a small cylindrical metal mass hanging from it, a wooden block resting on the table connected by the rope, bright daylight, sharp focus, no people, no text. An atom has 17 protons and 18 neutrons. What is the mass number of the atom



ANSWER

Understand It with Pulse | Flag a mistake

3 **An atom with 1 valence electron tends to**

A gain 7 electrons

B lose 1 electron

C gain 1 electron

D lose 7 electrons

Understand It with Pulse | Flag a mistake

4 **An atom has 20 protons and 20 neutrons. What is the mass number of the atom**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Atomic radius generally decreases across a period because the nuclear charge**

A decreases

B stays constant

C increases

D becomes zero

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. A
2. 35
3. B
4. 40
5. C

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