



CHEMISTRY

BOOKS - ARIHANT PUBLICATION

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ZERO GROUP ELEMENTS

Exam Booster For Cracking Exam

1. Which group is called buffer group of the periodic table ?

A. VII

B. I

C. VIII

D. Zero group

Answer: D



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2. Which of the electroic configuration is of a noble gas atom in the following ?

A. $1s^2, 2s^2, 2p^6, 3s^2, 3p^3$

B. $1s^2, 2s^2, 2p^6, 3s^2, 3p^1$

C. $1s^2, 2s^2, 2p^6, 3s^2, 3p^6$

D. $1s^2, 2s^2, 2p^6, 3s^2, 3p^4$

Answer:



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3. The following is absent in air .

A. helium

B. radon

C. neon

D. argon

Answer: B



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4. Which is the commonest gas in the atmosphere?

A. helium

B. Nitrogen

C. Ammonia

D. Hydrogen

Answer: B



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5. Which of the following gas exists in the monoatomic state ?

A. Carbon dioxide

B. Helium

C. Oxygen

D. Nitrogen

Answer: B



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6. The noble gas forming maximum number of compounds is .

A. Ne

B. Xe

C. He

D. Ar

Answer: B



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7. Which is called a hidden gas ?

A. Xe

B. He

C. Kr

D. Rn

Answer: C



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8. Which one of the following sets of elements is called aerogen ?

A. He,Ne,Ar

B. F,Cl,Br

C. O,S,Se

D. N,P,As

Answer: A



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9. Noble gases do not react with other elements because

A. the orbitals of valency shell are completely filled

B. these are monoatomic

C. they are rare

D. their boiling points are low

Answer: A



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10. The gas used in discharged tubes for advertisement is .

A. He

B. Xe

C. Ar

D. Ne

Answer: D



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