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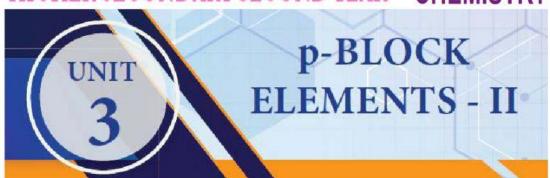


2 elements block about Worksheet الملف

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HIGHER SECONDARY SECOND YEAR CHEMISTRY



Choose the best answer:

- 1. In which of the following, NH, is not used?
 - a) Nessler's reagent
 - b) Reagent for the analysis of IV group basic radical
 - c) Reagent for the analysis of III group basic radical
 - d) Tollen's reagent
- 2. Which is true regarding nitrogen?
 - a) least electronegative element
 - b) has low ionisation enthalpy than oxygen
 - c) d- orbitals available
 - d) ability to form $p\pi p\pi$ bonds with itself
- An element belongs to group 15 and 3 rd period of the periodic table, its electronic configuration would be
 - a) 1s² 2s² 2p⁴

b) 1s22s22p3

c) 1s22s22p63s23p2

- d) 1s22s22p6 3s23p3
- 4. Solid (A) reacts with strong aqueous NaOH liberating a foul smelling gas(B) which spontaneously burn in air giving smoky rings. A and B are respectively
 - a) P₄(red) and PH₃

b) P (white) and PH,

c) S_s and H,S

- d) P₄(white) and H₂S
- 5. On hydrolysis, PCl₃ gives

a) H ₃ PO ₃ b) PH ₃ c) H,PO, d) POCL
6. P ₄ O ₆ reacts with cold water	
a) H ₃ PO ₃	b) $H_4P_2O_7$
c) HPO ₃	d) H ₃ PO ₄
7. The basicity of pyrophosph	norous acid (H ₄ P ₂ O ₅) is
a) 4	b) 2
c) 3	d) 5
The molarity of given orthop	hosphoric acid solution is 2M. its normality is
a) 6N	b) 4N
c) 2N	d) none of these
9. Assertion : bond dissociation	energy of fluorine is greater than chlorine gas
Reason: chlorine has more el	ectronic repulsion than fluorine
a) Both assertion and reason	are true and reason is the correct explanation of assertion.
b) Both assertion and reason assertion.	are true but reason is not the correct explanation of
c) Assertion is true but reason	n is false.
d) Both assertion and reason	are false.
10. Among the following, which	is the strongest oxidizing agent?
a) Cl ₂	b) F ₂
c) Br ₂	d) 1 ₂
11. The correct order of the them	mal stability of hydrogen halide is
a) HI > HBr > HCl > HF	b) HF > HCl > HBr > HI
c) HCl > HF > HBr > HI	d) HI > HCl > HF > HBr
12. Which one of the followin	g compounds is not formed?
a) XeOF ₄	b) XeO ₃
c) XeF,	d) NeF,
13. Most easily liquefiable gas	4
a) Ar	b) Ne
c) He	d) Kr

a) XeOF	b) XeO,F,
c) XeO ₃	d) XeO,
15. Which of the following is strongest ac	id among all?
a) HI	b) HF
c) HBr	d) HCl
16. Which one of the following orders is contained an interest of the halogen molecules? (NEET)	orrect for the bond dissociation enthalpy of
a) $Br_2 > I_2 > F_2 > Cl_2$	b) $F_2 > Cl_2 > Br_2 > l_2$
c) $I_2 > Br_2 > Cl_2 > F_2$	d) $CI_2 > Br_2 > F_2 > I_2$
17. Among the following the correct order	r of acidity is (NEET)
a) HClO ₂ < HClO < HClO ₃ < HClO ₄	b) HClO ₄ < HClO ₂ < HClO < HClO ₃
c) HClO ₃ < HClO ₄ < HClO ₂ < HClO	d) HClO < HClO ₂ < HClO ₃ < HClO ₄
18. When copper is heated with conc HNG	O ₃ it produces
a) Cu(NO ₃) ₂ , NO and NO ₂	b) Cu(NO ₃) ₂ and N ₂ O
c) Cu(NO ₃) ₂ and NO ₂	d) Cu(NO ₃) ₂ and NO

14. XeF₆ on complete hydrolysis produces