

# CHEMISTRY

2019

Time: 20 Minutes

Max. Marks: 17

## SECTION "A" (MULTIPLE CHOICE QUESTIONS)

1. Choose the correct answer for each from the given options:

- (i) Octet rule is fulfilled by all noble gases except:  
• Ne • Ar • He • Xe
- (ii) The element with atomic number 33 belongs to:  
• s-block • p-block • d-block • f-block
- (iii) Hydrides of VA group are:  
• basic • acidic • amphoteric • neutral
- (iv) The nucleus of Tritium consists of:  
• one proton only • one proton & one neutron  
• one protons & two neutrons  
• one proton & two neutrons
- (v) The metal forms superoxide:  
• Li • Be • K • Mg
- (vi) Antidote of  $H_2S$  poisoning is very dilute:  
• Nitrogen • Oxygen • Chlorine • Helium
- (vii) Galvanized iron means iron coated with:  
• Zn • Cu • Al • Sn
- (viii) The product of heating Boric acid to  $140^\circ C$  is:  
• Orthoboric Acid • Metaboric acid  
• Phroboric Acid • Boric oxide
- (ix) This one is condensation polymer:  
• PVC • PVA • Polyethylene • Terylene
- (x) The number of isomers of pentane is:  
• 3 • 5 • 7 • 9
- (xi) Propanone and Propanal are:  
• Metamers • chain isomers  
• functional group isomers • position isomers
- (xii) This is not a nucleophile:  
•  $\bar{O}H$  •  $NH_3$  •  $C\bar{N}$  •  $BF_3$
- (xiii) Reduction of Aldehyde gives:  
• Carboxylic acid • Alcohol • Ester • Ether
- (xiv) Hybridization in the carbon atom of carbonyl group is of this type:  
• sp •  $sp^2$  •  $sp^3$  •  $dsp^2$
- (xv) This imparts green colour to glass:  
• CoO •  $MnO_2$  • CuO •  $Cr_2O_3$
- (xvi) Rickets is caused by the deficiency of Vitamin:  
• A • B • C • D
- (xvii) Milk sugar is also called:  
• Glucose • Fructose • Lactose • Srcrose