

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY

LONERE - RAIGAD - 402 103

Winter Semester Examination - December - 2018

Branch: B. Pharmacy

Semester: I

Subject / code: Pharmaceutical Analysis -I (BP 102T)

Marks: 75

Date: 19/12/2018

Time: 3 Hours

*Instructions:* i) All questions are compulsory

ii) Figures to the right indicate full marks

iii) Draw the diagrams or flow charts wherever necessary.

**Q. No. 1 Attempt the following multiple choice questions.**

**(1 X 20=20)**

1. Which one the following compound is assayed by gravimetric analysis  
A) ceric sulphate                      B) barium sulphate  
C) calcium gluconate                D) Benzoic acid
2. Reduction is -----of electrons.  
A) loss                                      B) gain  
C) removal                                D) none of these
3. Gram-----of solute dissolved in 1 liter of solvent gives 1 Normal solution  
A) equivalent Weight                B) molecular Weight  
C) Mole                                      D) none of this
4. From the following -----is not a self indicator?  
A) ferroin                                B) iodine  
C) potassium permangnate D) ceric sulphate
5. Colour of phenolphthalein in alkaline pH is -----  
A) yellow                                B) brown  
C) pink                                      D) red
6. -PH is given as-----  
A)  $\text{pH}=\text{Log} [\text{H}^+]$                       B)  $\text{pH}=-\text{Log}_{10} [\text{H}^+]$   
C)  $\text{pH}=1/[\text{H}^+]$                         D)  $\text{pH}=-\text{Log}_{10} [\text{OH}^-]$
7. Drop of mercury in DME acts as-----electrode.  
A) reference                              B) indicator  
C) hydrogen                              D) calomel



