

**CITY COLLEGE**  
**CHEMISTRY- General**

**B.SC Semester 5 Internal Assessment (online), under CU 2020-21**  
**Paper: DSE-A-2**

**Full Marks – 10**

**Attempt all the questions.**

- 1) Brass is an alloy of -  
(a) Cu+Zn                      (b) Cu+Sn                      (c) Fe+Zn                      (d) Fe+Sn
  
- 2) What is PETN?  
(a) an analgesic                      (b) pentaerythritol tetranitrate                      (c) used for making springs                      (d) a surface coating paint
  
- 3) The formula of DAP fertiliser is -  
(a)  $(\text{NH}_4)_2\text{HPO}_4$       (b)  $\text{AlPO}_4$   
(c) Both of above      (d) None of above
  
- 4) Which of the following is incorrect for a catalyst?  
(a) Catalyst does not start a reaction  
(b) Catalyst shifts the equilibrium constant of a reaction  
(c) Co-enzymes increase the activity of an enzyme  
(d) All of the above
  
- 5) PVC is -  
(a) an air pollutant                      (b) an explosive  
(c) a polymer                      (d) None of the above
  
- 6) Ordinary Portland Cement has -  
(a) C3S 40% + C2S 20%                      (b) C3S 20% + C2S 40%  
(c) C3S 50% + C2S 50%                      (d) None of the above
  
- 7) Disadvantages of OPC are -  
(a) High heat of hydration                      (b) Low durability  
(c) Low cohesive force                      (d) All of the above

8) Chemical fertilisers are generally classified according to their -

- (a) Calcium Phosphate content      (b) NPK content  
(c) Ammonium Phosphate content      (d) Urea content

9) Which of the following is not a ceramic –

- (a) Silicon Carbide      (b) Boron Nitride  
(c) Cement      (d) Copper Sulphate

10) Blue coloured glass contains -

- (a)  $\text{SeO}_2$       (b)  $\text{MnO}_2$       (c)  $\text{CoO}$       (d)  $\text{TiO}_2$