**H.R.A International school , Gurdaspur**

**IInd Term Examination 2017**

**Class.8th Time:2 Hr**

**Subject:chemistry M.M:80**

**Part-A**

**(I)Multiple choice question [5\*1=5]**

**1)During the exothermic reaction**

**a)heat is evolved b)heat is absorbed c) light is absorbed d) light is evolved**

**2)Carbon**

**a)is insoluble in all solvents b)is good reducing agent**

**c)is good oxidising agent d)both (a) and (b)**

**3)Which of the following statement is true?**

**a)anions are negatively in charged**

**b)cations are positively in charged**

**c)anions are positively in charge**

**d)anions are migrate to the cathode**

**4)Which of the following used as kajal?**

**a)lampblack b)coal c)coke d)charcoal**

**5)The valancy of carbon is**

**a)zero b)one c)four d)six**

**(II)New terms [5\*3=15]**

**Hydrocarbon,Endothermic reaction,Electroplating,Ignition temperature,Destructive distillation**

**(III)State whether the following statement are True and False.Correct the false statements. [5\*2=10]**

**1)Enzymes act as a catalyst in biochemical reactions.**

**2)Diamond conducts heat and electricity.**

**3)Allotropes have the same chemical properties but different physical properties.**

**4)Electroplating is not used to prevent corrosion.**

**5)The melting point of a substances increases in the presence of impurities.**

**(IV)Give reasons [5\*2=10]**

**1)A few dropes of dilute sulphuric acid are added to electrolysis.**

**2)white phosphorous is stored immersed in water.**

**3)CNG has proved to be a better fuel than coal and wood.**

**4)Articles are electroplated.**

**5)Photosynthesis is a photochemical reaction.**

**PART-B**

**(V)Very short answer [6\*2=12]**

**1)What is the biocatalyst? Give examples.**

**2)What is the reactant and products?**

**3)Give the uses of diamond.**

**4)Give the characteristics of good fuel.**

**5)What is the neutralisation reaction?Give examples.**

**(VI)Numercials [4\*2=8]**

**1)Calculate the mass of calcium oxide produced when 50g of calcium carbonate is heated strongly.(Given:Ca=40amu,O=16 and C=12amu)**

**2)Calculate the amount of sulphur required to convert 6.2g of iron filings to iron sulphide. How much iron sulphide will be produced?(Given:Fe=56amu and S=32amu)**

**(VII)Long question answer [5\*3=15]**

**1)What is the distillation?Explain.**

**2)Differentiate between diamond and graphite.**

**3)Write the note on the following.**

**a)Natural gas b)Hydrocarbons c)Methane d)Biogas**

**(VIII)Fill in the blanks [5\*1=5]**

**1)Carbon is a good\_\_\_\_\_\_\_agent.**

**2)There are \_\_\_\_\_\_hexagons and \_\_\_\_\_\_\_pentagons of carbon atoms in one molecule of buckminsterfullerence.**

**3)Digestion of food is a \_\_\_\_\_\_\_\_ change.**

**4)The chemical reaction in which heat energy is absorbed is called\_\_\_\_\_\_\_ reaction.**

**5)Lampblack contains \_\_\_\_\_\_\_%carbon.s**