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

**IInd Term Examination 2017**

**Class.7th Time:2 Hr**

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

**Part-A**

**(I).Choose the correct answer for each of the following : [5]**

a) Which of these is an inert gas?

(1) Nitrogen (2) Oxygen (3) Helium (4) Carbondioxide

b) Which acid is used in soda-acid fire extinguisher?

(1)Hydrochloric acid (2) Sulphuric acid (3) Nitric acid (4) None

of these

c) Potable water should

(1) be clear and transparent (2) contain odour (3) have dissolved and suspended impurities (4) not contain minerals necessary four aor body

d) Carbondioxide is

(1) non-combustible (2) heavier than air (3) both (a) and (b) (4) none of these

e) Oxygen is

(1) Colourless (2) Odourlass (3) non- poisonous (4) all of them

**(II) Fill in the Blanks. [10]**

a)\_\_\_\_\_\_is an essential component of proteins and amino acids.

b) LOX is \_\_\_\_\_\_\_.

c) \_\_\_\_\_\_is the simplest way of purifying wather at home.

d) Air is\_\_\_\_\_ and\_\_\_\_\_in colour.

e) \_\_\_\_\_is cused by the infection of intestine.

F) Corrosion of iron is called\_\_\_\_\_\_.

g) Nitrogen is used in food packing because of its \_\_\_\_\_nature.

h) With increase in pressure , the boiling point of water\_\_\_\_.

i)\_\_\_\_\_and\_\_\_\_\_are greenhouse gases.

j) Pure water has maximum density at\_\_\_\_\_.

**(III) New terms [10]**

Ground water,Rusting,Acid Rain,Water table,Oxidation.

**(IV) Diffrence the following terms : [4]**

1. Soft water and hard wather
2. Foam-type fire extinguisher and liquid carbon Dioxide fire extinguisher,

**(V) write down the chemical equestion for the following chemical reaction. [6]**

a) Nitrogen oxide combines with oxygen in the presence of heat to form nitrogen dioxide

b) Sulphur combines with oxygen to form sulphur oxide.

**(VI) Matching the columns. [5]**

1. Nitrogen Greenhouse gas
2. Rainwater Netural in nature
3. Oxygen Neutral to moist litmus
4. Potable water Form clouds
5. Water wapour Free from harmful substance

**Part-B**

**(VII) Draw the diagram of water cycle [5]**

**(VIII) write he chemical formula of the compound. [5]**

1. Glucose
2. Manganese dioxide

**(IX) state whether the following statements are true/false.correct the false statements [5]**

1. Air has no colour but is translucent.
2. Oxygen is highly soluble in water.
3. Potable water should contain minerals necessary for our body.
4. The ozone layer absorbs the harmful UV rays.
5. Oxygen is chemically an inactive gas.

**(X) Short anser type question [10]**

a) Write two uses of axygen.

b) What is the greenhouse effect?

c) What is ground water?

d) List two drawbacks of hard water?

e) What is the importanc of nitrogen for plants?

**(XI) Long answer type question [15]**

1. What is meant by nitrogen cycle?
2. Discuss the physical and chemical properties of oxygen.
3. How is oxygen obtain from the following?
4. Metallic oxide.
5. Potassium nitrate.
6. Potassium chlorate**.**