

Paper: ChemistryTotal Marks: 12Month Test: November

Obt. Marks: _____

Theme/Unit: 13 - 16Grand Total: 75

Objective: _____

ID: _____

Time: 15 min

Name: _____

class: 10th

Section: _____



Q. No. 1: Encircle the correct answer:

- When NaHCO_3 is heated it forms:
 - CO_2
 - Ca(OH)_2
 - CaCO_3
 - CaO
- Formula of urea is _____.
 - $\text{NH}_2\text{CooNH}_4$
 - $\text{NH}_2\text{CooNH}_2$
 - NH_2CoNH_4
 - NH_2coNH_2
- Matte is mixture of:
 - FeS and CuS
 - Cu_2O & FeO
 - Cu_2S & FeS
 - CuS & FeO
- The nitrogen present in urea is used by plants to synthesize.
 - Sugar
 - Proteins
 - Fats
 - DNA
- Which one of the following organic compound is found in gasoline?
 - C_2H_4
 - C_3H_8
 - C_8H_{18}
 - $\text{C}_{12}\text{H}_{26}$
- Which one of the following is used a jet fuel:
 - Kerosene oil
 - Lubricating oil
 - Fuel oil
 - Diesel oil
- Temporary hardness is removed by adding?
 - Quick lime
 - Slaked lime
 - Limestone
 - Lime water
- Permanent hardness is removed by adding?
 - Na_2 Zeolite
 - Soda lime
 - Lime water
 - Quick lime
- Iron and steel structures are damaged by:
 - Carbon dioxide
 - Carbon monoxide
 - Sulphur dioxide
 - Methane
- Normally rain water is weekly acidic because of:
 - SO_3 gas
 - CO_2 gas
 - SO_2 gas
 - NO_2 gas
- Deficiency of vitamin E causes?
 - Rickets
 - Scurvy
 - Anemia in babies
 - Night blindness
- Which one of the following is fat soluble vitamin?
 - A
 - E
 - K
 - All

Paper: ChemistryTotal Marks: 63Month Test: November

Obt. Marks: _____

Theme/Unit: 13 - 16Grand Total: 75

Subjective:

ID: _____

Time: 2 hour

Name: _____

class: 10th

Section: _____



Answer the following Questions:

/30

1. Name any two fatty acids with their formula?
2. What do you mean by genetic code of life?
3. Describe the uses of carbon hydrates?
4. Differentiate between primary and secondary air pollution?
5. How acid rain increases the acidity of soil?
6. What are the reasons of water born disease?
7. How lime stone dissolves in water?
8. Why are pesticides used?
9. What are the causes of hardness in water?
10. Explain process of electrorefinig?
11. Name the various metallurgical operation?
12. How is ammonia prepared for the synthesis of urea?
13. Give a uses of kerosene oil?
14. How NaHCO_3 is converted to Na_2CO_3 ?
15. Which petroleum fraction is used in dry cleaning?

Answer the Long Questions:

Q. No.1: a: Explain the process of roasting with reference to copper? /6

b: write a detailed note on Ammonia solvay's process? /5

Q. No.2: a: How urea is manufactured? Explain showing the flow sheet diagram? /6

b: Explain the method of removing permanent hardness? /5

Q. No.3: Why is Co considered a health hazard? /6

b: what are poly saccharides? Give their properties? /5