Paper: Chemistry		Total Marks: 75
Month Test: 3rd Term		Obt. Marks: _____
Theme/Unit: 11		Grand Total: 75
Objective/Subjective:	ID: _____	Time: _____
Name: _____	class: 10th	Section: _____

Q NO. 1: Choose the right answer. /13

1) Petroleum is refined by:
   a) Simple distillation b) Fractional distillation
   b) Destructive distillation d) Dry distillation
2) Main component of natural gas is:
   a) Methane b) Ethane c) Propane d) Propene
3) Pitch is black residue of:
   a) Coke b) Coal c) Coal tar d) Coal gas
4) Vital Force Theory was given by:
   a) Wohler b) J. Berzillius c) Kolbe d) Lowery
5) Structural formula represents:
   a) actual no. of atoms b) group of atom
   c) sharing of electrons d) arrangement of atoms
6) The elements that exhibits catenation should have:
   a) Valency greater than 2 b) Valency 2
   c) Valency 1 d) Both a and b
7) Inorganic compounds are mostly:
   a) incombustible b) combustible c) soluble in ether d) None
8) Organic compounds are _____ in nature:
   a) atomic b) molecular c) fewer d) ionic
9) Wood contain about _____% of Carbon:
   a) 20% b) 40% c) 60% d) 80%
10) The functional group of Ether is:
   a) -O- b) -OH c) -COOR d) -COH
11) Alkyl radicals are derivatives of:
   a) Alkenes b) Alkanes c) Alkynes d) Ions
12) Coal gas is the mixture of:
   a) Hydrogen b) Methane c) CO d) all of these
13) Lignite is used in:
   a) Thermal power stations b) Industry c) Kiln d) Houses

Q No. 2: Short Questions. /30

1) What is Vital Force Theory?
2) Differentiate between Molecular formula and Condensed formula.
3) Why Carbon shows catenation and Silicon does not?
4) Define Isomerism with example?
5) What is Coke?
6) What is Ketonic group?
7) What do you know about Petroleum?
8) Define Catenation. Write about its conditions.
9) Write about Dot and Cross formula?
10) Write the condensed formula of Propane, Hexane, Octane, Decane.
11) Write about solubility of organic compounds?
12) Write the uses of natural gas.
13) Write classification of coal.
14) What is the difference between n-propyl and iso propyl?
15) What is Destructive distillation?

Q No. 3: Give detailed answers. /32

1) a) Write classification of organic compounds. /8
   b) Write general characteristics of organic compounds. /8
2) a) Write about Ester, Carboxyl, Aldehyde and Ketone functional groups. /8
   b) Write uses of Organic compounds. /8