

Name: _____					
Subject: Chemistry		Class: 10 th		Time: 60 minutes	
Chapter No.11		MJDexpert.com			Total Marks: 30
				Obtained marks	

Note: Please attempt any 7 short questions from Question 2. Also, attempt both parts (a and b) of Question 3. "a" Part is 5 marks and "b" is 4 marks. Cutting and removal of any content is strictly prohibited.

Objective-Section

Q. 1 Encircle the correct Answer .

(7x1=7)

1: Pitch is produced by

- (a) coke (b) coal tar (c) coal (d) coal gas

2: which of the following does not contain starch

- (a) sugar cane (b) maize (c) barley (d) potatoes

3: Main exponent of natural gas is

- (a) methane (b) propane (c) butane (d) propene

4: Coal having 90% carbon contents is called

- (a) peat (b) lignite (c) anthracite (d) bituminous

5: The formulae which represent the actual number of atoms in one molecules

- (a) structural formulae (b) condensed formulae (c) molecular formulae (d) non

6: who synthesize the first organic compound urea

- (a) wholer (b) Berzelius (c) Kolbe (d) non

7: Carbon-carbon bond in organic compound

- (a) ionic (b) covalent (c) non-ionic (d) non-covalent

Subjective-Section

Q.2 Write short answers of any seven of the following questions: (7x2=14)

1. Define vital force theory and how it is rejected?
2. Define organic chemistry?
3. Write down the difference between molecular formula and structural formula ?
4. Write down the difference between homocyclic and heterocyclic compound?
5. Define catenation and write its conditions?
6. Explain any three general properties of organic compound?
7. Write down the different types of coal?
8. Define destructive distillation?

Q.No.3 Long Question:

(5+4=9)

- a. How is coal formed? What are the different types of coal?
- b. Write a note on classification of organic compound.