

Name: _____						
Subject: Chemistry		Class: 10 th		Time: 60 minutes		
Chapter No.13		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. Carbohydrates are synthesized by plants through photosynthesis process which requires the following except
 - a) CO₂ & water
 - b) presence of sunlight
 - c) O₂
 - d) chlorophyll
2. Which of the following is a disaccharide
 - a) glucose
 - b) fructose
 - c) sucrose
 - d) starch
3. Photosynthesis process produces
 - a) starch
 - b) cellulose
 - c) sucrose
 - d) glucose
4. Which one of the following is tasteless?
 - a) starch
 - b) glucose
 - c) fructose
 - d) sucrose
5. Which one of the following is triglyceride?
 - a) carbohydrate
 - b) proteins
 - c) lipids
 - d) vitamins
6. Enzymes are proteins which have the following properties except
 - a) they catalyze reaction
 - b) they are highly non specific
 - c) they are highly efficient
 - d) they are produce by living cells
7. Which one of the following vitamins is water soluble?
 - a) Vitamins A
 - b) Vitamins A
 - c) Vitamins A
 - d) Vitamins A

Subjective-Section

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

1. Write down the difference between water soluble vitamin and fat soluble vitamin?
2. Explain importance of vitamin?
3. How DNA is differ from RNA?
4. What is difference between oil and Ghee?
5. Define lipids and write the formula of triglycerides?
6. How two amino acids are linked together?
7. Write down the difference between monosaccharides and oligosaccharides?
8. Write down the formula of Glucose and fructose?

Q.No.3 Long Question:

(5+4=9)

- a) Explain the uses of carbohydrates and lipids ?
- b) Write down the definition of protein, general formula of amino acid sources and uses of Protein?