

## MDCAT Chemistry Chapter 18 Carboxylic Acids Online Test

| Sr | Questions                                                                               | Answers Choice                                                                                                                                               |
|----|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | An example of simple protein is                                                         | A. lipoprotein<br>B. Cholesterol<br>C. lecithin<br>D. <b>globulin</b>                                                                                        |
| 2  | The enzyme which is found in saliva, accelerates the conversion of starch into sugar is | A. Pepsin<br>B. Thrombin<br>C. <b>Ptyalin</b><br>D. Fumarase                                                                                                 |
| 3  | Dehydrogenase is an example of                                                          | A. Transferase<br>B. Hydrolase<br>C. Lyase<br>D. <b>Oxido-reductase</b>                                                                                      |
| 4  | Primary structure of proteins refers to                                                 | A. Coling and folding in form of specific structure<br>B. 3d structure<br>C. <b>Number of amino acids in a chain</b><br>D. Alpha and Beta sheets             |
| 5  | An example of hydrolase is                                                              | A. Amylase<br>B. Lipase<br>C. Fumarase<br>D. A,C                                                                                                             |
| 6  | An example of regulatory protein is                                                     | A. nucleoprotein<br>B. hemoglobin<br>C. lactoglobulin<br>D. <b>thyroxine</b>                                                                                 |
| 7  | The enzymes that catalyse the addition or removal of ammonia are:                       | A. <b>Lyases</b><br>B. Ligases<br>C. Transferases<br>D. Kines                                                                                                |
| 8  | UV rays inactivate enzymes because they                                                 | A. change sequence of amino acids of enzymes<br>B. They add prosthetic group to them<br>C. They increase their specificity<br>D. affect structure of enzymes |
| 9  | Third order of protein structure refers to                                              | A. Bending of protein chain<br>B. <b>Three-dimensional structure of protein</b><br>C. Number and sequence of amino acids<br>D. Site of disulphide bonds      |
| 10 | Lactoglobulin is found in                                                               | A. nucleus<br>B. nerve cells<br>C. Plants only<br>D. <b>muscles and in plants</b>                                                                            |
| 11 | The type of isomerism shown by alkyl halides is                                         | A. geometric<br>B. functional<br>C. <b>positional</b><br>D. metamerism                                                                                       |
| 12 | Collagen is a fibrous protein present most abundantly in                                | A. heart<br>B. nucleus<br>C. <b>connective tissues</b><br>D. Arteries                                                                                        |
| 13 | Phosphoprotein comes under the type of proteins                                         | A. Simple protein<br>B. Derived protein<br>C. <b>Conjugated</b><br>D. Both A & B                                                                             |
| 14 | The most abundant protein in the human body is                                          | A. <b>Collagen</b><br>B. Keratin<br>C. Myosin<br>D. Albumin                                                                                                  |

15 Which of the following is the element not present in all proteins?  
A. Carbon  
B. Hydrogen  
C. Nitrogen  
D. Sulphur

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16 Enzymes are  
A. simple proteins  
B. derived proteins  
C. compound proteins  
D. conjugated proteins

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17 The proteins which give an amino acid and non-protein group on hydrolysis are known as  
A. Derived protein  
B. Albumins  
C. Conjugated simple protein  
D. Conjugated protein

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18 All are examples of different classes of enzymes except  
A. Hydrolases  
B. Isomerases  
C. Oxido-reductases  
D. Mutases

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19 The structure of protein helps protein to  
A. be in proper shape  
B. attach substrate  
C. perform its function  
D. All of these

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20 Alpha helix and beta pleated sheet are secondary structures of protein which are maintained by  
A. dipole forces  
B. non-polar interactions  
C. ionic bonds  
D. Hydrogen bonds