BIO202 - Biochemistry-I (Quiz 03) **Quiz Start Time: 12:18 AM, 12 July 2023**

Question # 1 of 10 (Start time: 12:18:09 AM, 12 July 2023) **Total Marks:** 1

Fatty acids that occur in natural fats usually contain an even number of carbon atoms ranging from _____

Select the correct option

Reload Math Equations

- 4 to 32 carbons (C_4 to C_{32})
- 4 to 36 carbons (C_4 to C_{36})
- (●) 4 to 30 carbons (C_4 to C_{30})
- 4 to 38 carbons (C_4 to C_{38})

BIO202 - Biochemistry-I (Quiz 03) **Quiz Start Time: 12:18 AM, 12 July 2023**

Question # 2 of 10 (Start time: 12:19:10 AM, 12 July 2023) **Total Marks:** 1

When double bonds are present in the fatty acid chain, they are nearly always in the _____

Select the correct option

Reload Math Equations

- cis-trans configuration
- (●) cis configuration
- trans-cis configuration
- trans configuration

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 3 of 10 (Start time: 12:19:39 AM, 12 July 2023) **Total Marks:** 1

The 16-carbon saturated palmitic acid is abbreviated _____

Select the correct option

Reload Math Equations

- ○ 16:3
- ○ 16:1
- ● 16:0
- ○ 16:2

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 4 of 10 (Start time: 12:20:14 AM, 12 July 2023) **Total Marks:** 1

Oleic acid is an 18 carbon _____ fatty acid.

Select the correct option

Reload Math Equations

- ○ poly-unsaturated
- ● mono-unsaturated
- ○ saturated
- ○ mono-saturated

Click to Save Answer & Move to Next Question

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 5 of 10 (Start time: 12:20:38 AM, 12 July 2023) **Total Marks:** 1

_____are major structural elements of biological membranes.

Select the correct option

Reload Math Equations

- (●) Phospholipids and sterols
- ( ) Nonpolar lipids
- ( ) Adipose tissue Fat
- ( ) Fats and oils

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 6 of 10 (Start time: 12:21:22 AM, 12 July 2023) **Total Marks:** 1

Glycosphingolipids are the lipids containing _____

Select the correct option

Reload Math Equations

- (●) sphingosine and carbohydrate
- ( ) fatty acid and sphingosine
- ( ) glycerol
- ( ) fatty acid, sphingosine, and carbohydrate

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 7 of 10 (Start time: 12:22:04 AM, 12 July 2023) **Total Marks:** 1

The essential fatty acid linoliec acid, 18:2 $\Delta^{9,12}$ is _____

Select the correct option

Reload Math Equations

- ω-2 fatty acid
- ω-5 fatty acid
- ω-6 fatty acid
- ω-3 fatty acid

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 8 of 10 (Start time: 12:22:45 AM, 12 July 2023) **Total Marks:** 1

Fats and oils are esters of fatty acids with _____

Select the correct option

Reload Math Equations

- Monohydric Alcohol
- Glycerol
- Triglycerides
- Phosphoric acid residue

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 9 of 10 (Start time: 12:23:26 AM, 12 July 2023) Total Marks: 1

The correct statement concerning essential fatty acids is

Select the correct option

Reload Math Equations

- (●) Linoleic Acid and Alpha Linolenic Acid are two fatty acids that must be ingested.
- ( ) Essential fatty acids are only found in animal fat.
- ( ) There are no essential fatty acids for human beings.
- ( ) The most essential fatty acid is sphingosine.

BIO202 - Biochemistry-I (Quiz 03) Quiz Start Time: 12:18 AM, 12 July 2023

Question # 10 of 10 (Start time: 12:24:04 AM, 12 July 2023) Total Marks: 1

Fatty acid chains that contain no double bonds are called _____

Select the correct option

Reload Math Equations

- (●) saturated
- ( ) unsaturated
- ( ) mono-unsaturated
- ( ) poly-unsaturated