

Bio202 quiz#2 🤔

**By...vu expert
zoologist**

Question # 1 of 10 (Start time: 04:25:27 PM, 26 December 2022)

Fatty acid chains that contain no double bonds are called -----

▶ Select the correct option

☐

poly-unsaturated

☐

mono-unsaturated

☒

saturated

☐

unsaturated

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

Select the correct option

☒

ω -6 fatty acid

☐

ω -5 fatty acid

☐

ω -3 fatty acid

☐

ω -2 fatty acid

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

Select the correct option

☐

trans-cis configuration

☐

trans configuration

☐

cis-trans configuration

☒

cis configuration

The correct statement concerning essential fatty acids is

Select the correct option

- ☐ The most essential fatty acid is sphingosine.
- ☒ 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.

Time: 04:29:57 PM, 26 December 2022)

Fats and oils are esters of fatty acids with _____

Select the correct option

☐

Glycerol

☐

Monohydric Alcohol

☐

Phosphoric acid residue

☐

Triglycerides

Biochemistry-I (Quiz # 2)

Question # 6 of 10 (Start time: 04:30:28 PM, 26 December 2022)

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

Select the correct option

- ☒ 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})
- ☐ 4 to 32 carbons (C_4 to C_{32})

Question # 7 of 10 (Start time: 04:31:09 PM, 26 December 2022)

Oleic acid is an 18 carbon ----- fatty acid.

Select the correct option

- | | |
|----------------------------------|------------------|
| ☐ | poly-unsaturated |
| ☒ | mono-unsaturated |
| ☐ | mono-saturated |
| ☐ | saturated |

BIO202 - Biochemistry-I (Quiz # 2)

Question # 8 of 10 (Start time: 04:31:44 PM, 26 December 2022)

Glycosphingolipids are the lipids containing _____

Select the correct option

- ☐ sphingosine and carbohydrate
- ☐ fatty acid and sphingosine
- ☐ glycerol
- ☒ fatty acid, sphingosine, and carbohydrate



Type here to search



BIO202 - Biochemistry-I (Quiz # 2)

Question # 9 of 10 (Start time: 04:32:12 PM, 26 December 2022)

The 16-carbon saturated palmitic acid is abbreviated -----

Select the correct option

☐

16:3

☐

16:2

☐

16:1

☒

16:0

BIO202 - Biochemistry-I (Quiz # 2)

Question # 10 of 10 (Start time: 04:32:34 PM, 26 December 2022)

_____ are major structural elements of biological membranes.

Select the correct option

☐

Fats and oils

☒

Phospholipids and sterols

☐

Adipose tissue Fat

☐

Nonpolar lipids