8/10

BIRZEIT UNIVERSITY

Department of Biology and Biochemistry

Biology 111

Quiz#4

Name and ID

[redacted]

1) When three fatty acids link to a glycerol molecule by covalent bonds a triacylglycerol (or triglyceride) is formed.

(A) True (B) False

2) All lipids are hydrophilic

(A) True (B) False

the difference is with the group that compond withe the third carbon.

3) Fatty acids could be saturated or unsaturated fatty acids. What is the main difference between them?

?!

glesarol compond with ~~two~~ fatty acid and on phosphor group (Phospho lipids)

glesarol [C — Fatty acid
C — Fatty acid
C (P) — phosphor gros] phospho lipids

C — Fatty acid
C — fatty acid
C (g) → ~~[illegible]~~ oxygen

-2

4) What is the main function of lipids?

~~glesarol and fatty acid~~
~~compond with covalent bonds~~

5) Proteins are the macromolecules that actually do work in the cell. Name two of their functions?

1. ~~[illegible]~~ Storge
2. transport

→ ~~[illegible]~~ it's on the cell wall ~~[illegible]~~

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