Name:

1. True / False: The hydrophobic effect is caused by the tendency of hydrophobic groups to increase in entropy when associating with other hydrophobic groups.
2. True / False: The hydrophobic effect is caused by the tendency of water to increase in entropy when hydrophobic groups are excluded.
3. True / False: The hydrophobic effect is why Italian salad dressing forms two phases.
4. True / False: The hydrophobic effect is caused by attraction of hydrophobic groups for each other.
5. True / False: The hydrophobic effect is caused by a general tendency of “like dissolves like”.
6. True / False: The hydrophobic effect is caused by a tendency of non-polar molecules to avoid the contact with water molecules.
7. True / False: The hydrophobic effect is caused by the tendency of water molecules to decrease their entropy by forming highly ordered structures around hydrophobic groups.