

Question 1: Iron sulphur center is present in _____.

- Aconitase
- Acetyl coA
- Isocitrate
- Fumerate

Question 2: Which of the following is not used by Pyruvate dehydrogenase Complex as a co-enzyme?

- TPP
- FAD
- Lipoate
- GTP

Question 3: The yeast PDH complex has a _____ lipoyl domain with a lipoate attached.

- 1
- 3
- 5
- 8

Question 4: In the 2nd stage of Citric acid cycle, _____ is oxidized.

- Fatty acids
- Amino acids
- Acetyl-co A
- Pyruvate

Question 5: Citric acid cycle is a series of chemical reactions used by all aerobic organisms to generate energy through the _____ of acetyl CoA derived from carbohydrates.

- Reduction
- Oxidation
- Redox reaction
- Hydrolysis

Question 6: The nearly tetrahedral arrangement of the orbitals about the oxygen atom allows each water molecule to form hydrogen bonds with as many as _____ neighboring water molecules.

- 1
- 2
- 3
- 4