Regs RR Level (20) Bio -> Chem -> Physics -> Other

1. Energy - *Multiple Choice* Researchers at UW Madison in the Stovall group are currently investigating the connections between the SARS-COV 2 pandemic with previous illness Influenza. Which of the following best describes both?

W) Virus
X) Bacteria
Y) Fungus
Z) Archaea

ANSWER: W) VIRUS

2.

Regs DE level (40)

1. Energy - *Short Answer* Researchers at UW Madison in the Stovall group are currently investigating new methods for the screening of newborns in order to decrease the infant mortality rate. What diagnosis is used when the death of a baby under 1 year of age is used when the cause of death is usually unknown.

ANSWER: SIDS (ACCEPT: SUDDEN INFANT DEATH SYNDROME)

2. Researchers at UW Madison in the Stahl group are currently working on understanding molecular cobalt based catalyst for the reaction of O2 to H2O2. Which of the following best describes this reaction?

W) Oxidation
X) Disproportionation
Y) Reduction
Z) Transamination

ANSWER: Y) REDUCTION

Nats Level (20)