160) Which of the following compounds has its oxygen composition equal to 50.0%?

A) (NH4)2CO3

B) CH2O2

C) C2H3NO2

D) C10H20ONS

Answer: A

Section: Section 9.6

Learning Outcome: 9.5 Calculate % by mass elemental compositions from a molecular formula.

Global Obj: G4 Demonstrate the quantitative skills needed to succeed in chemistry.

161) Which of the following compounds has its nitrogen composition equal to 29.2%?

A) C2H3NO2

B) C10H20ONS

C) (NH4)2CO3

D) N2H4

Answer: C

Section: Section 9.6

Learning Outcome: 9.5 Calculate % by mass elemental compositions from a molecular formula.

Global Obj: G4 Demonstrate the quantitative skills needed to succeed in chemistry.