Pre-Case Assignment

Answer the following questions before you start working on the case study. For Question 5 below, identify the source(s) where you found this information where indicated with an asterisk (*). More than one answer could be correct for some questions.

1. What is the virus that causes COVID-19?
   A. SARS-CoV
   B. Influenza A(H1N1)
   C. SARS-CoV-2
   D. MERS-CoV
   E. Two of the above

2. What are common symptoms for COVID-19?
   A. diarrhea
   B. fever
   C. loss of taste and smell
   D. cough
   E. all of the above

3. What is the genetic material in this coronavirus, SARS-CoV-2?
   A. DNA
   B. RNA
   C. both A & B
   D. none

4. What type of cell does the SARS-CoV-2 virus mainly target in the alveoli?
   A. alveolar epithelial cells
   B. bronchial smooth muscle cells
   C. capillary endothelial cells
   D. macrophages
   E. none of the above

5. What is the mortality rate due to COVID-19 in the United States as of April 2022?
   A. 8.5%
   B. 0.9%
   C. 3.3%
   D. 96.7%
   E. 1.2% *Source: ________________________________
6. What do the following terms mean?

   Dyspnea:

   Tachycardia:

   Pyrexia:

   Hematemesis:

   Hematochezia: