Assignment 2

Due on 05/06/2020, 23:59

Unit 4 - Week 2

Part A: Health 

1. a. If you are suffering from a headache, what advice would you give to your friend to relieve it? 
   b. What are the possible causes of a headache? 
   c. How can you prevent headaches? 

2. a. Explain the importance of a balanced diet. 
   b. What are some foods that are rich in iron? 
   c. Why is it important to eat fruits and vegetables? 

3. a. What are the benefits of regular exercise? 
   b. How often should you exercise to maintain good health? 
   c. What are some exercises that you can do at home? 

Part B: Economics

1. a. Explain the concept of supply and demand. 
   b. How does the government regulate supply and demand? 
   c. What is a price ceiling? 

2. a. What is the marginal cost of a good? 
   b. How does the marginal cost affect the price of a good? 
   c. What is the difference between fixed costs and variable costs? 

3. a. What is the difference between opportunity cost and actual cost? 
   b. How do businesses decide which project to invest in? 
   c. What is the role of government in regulating the economy? 

Part C: Mathematics

1. a. Solve the equation: 2x + 3 = 7 
   b. What is the solution? 
   c. How can you check if your answer is correct? 

2. a. What is the slope of a line? 
   b. How do you find the slope of a line? 
   c. What is the y-intercept? 

3. a. What is the formula for calculating the area of a circle? 
   b. How do you find the area of a circle? 
   c. What is the relationship between the radius and the diameter?