Read the following resources before answering the questions below:

1. <https://www.theglobeandmail.com/report-on-business/rob-commentary/cryptocurrencys-crash-is-a-matter-of-when-not-if/article37257013/>
2. <https://www.cbc.ca/news/business/hut8-medicine-hat-bitcoin-mining-1.4834027>
3. <http://www.bbc.com/news/business-42237432>

Guidelines for writing a supported opinion paragraph (SOP)

* + <http://schools.peelschools.org/sec/fletchersmeadow/studentlife/OSSLTprep/Documents/Sample_%20Writing%20a%20Supported%20opinion%20paragraph.pdf>

**Level 1: Bitcoin & Cryptocurrencies**

1. List three ways that “cryptocurrencies” (e.g. Bitcoin) are different from traditional currencies (money).
   * cryptocurrencies lack the backing of an established government
   * financial institution
   * transactions occur under an "anonymous" cloak
2. List one advantage of Bitcoin over on-line payment services such as PayPal.

The advantage that bitcon has over PayPal is that bitcoin is on tractable currency

1. List three types of organizations (or types of users) that would benefit in a positive way from the use of “cryptocurrencies”.

* financial organization
* security organization
* Insurance organization

1. Bitcioin claims to be anonymous. Is this true (explain)? How could someone find out your identity?  
   It is not fully anonymous because when you make a trancaption to your buyer they could track your IP Addressee and find where you are.
2. Many people claim that the use of "cryptocurrencies" should be restricted because they make it easier for criminals to hide their actions. Is this a valid point of view? Write a SOP to support your arguement.

**Level 2: Bitcoin & The Environment**

1. What is a Bitcoin “miner” and how big is the Hut-8 facility in the city of Medicine Hat Alberta?  
   The miner mine about 20 coins a day, the facility takes about 60 megawatts of power which is 10 times more electricity used by any other facilities.
2. Why has Hut-8 decided to locate its facility in Alberta when its head office is in Toronto? What does the city of Medicine Hat provide that is required for mining Bitcoin?

They choose Medicine Hat has a mining facilities because it has a big source Gas-fired generation.

1. What benefits does the city of Medicine Hat expect to see from this Bitcoin facility?

The city of Medicine Hat is going to expect better finical support.

1. What concern does the city of Medicine Hat have about from this Bitcoin facility?

In Alberta Many revers and town do not have good electricity and building a bit coin facility was useless to the residents

1. What concern do environmentalists have about the Medicine Hat facility and about Bitcion mining in general? E.g. how does Bitcoin mining harm the environment?

The amount of energy it use to power one facility the whole city used before.

1. If Hut-8 wanted to build a facility in Brampton, would be in favor of this proposal. Write a SOP to justify your position.

If Hut-8 made a facility in Brampton it will face very big back lashes. I believe that Brampton does not have to capability to run and mange a bit coin mining site on their land. First off all most of Brampton land goes into building house as the population grow in Brampton so, there should be more jobs available in the Brampton area

**Level 3: Mobile Payments**

1. Explain how you could use social media to make payments for things you buy in the store.

You can buy things in a store without having to pull out your credit card or anything all you do is pay through your phone and them you’re done. It's more simple then having to give the right amount of bills or putting in your pin number. All you do is send a message and you’re done, it's that easy

1. List three ways that social media payments are a positive thing.

* It socializes payments so that you could pay a friend for a shared dinner
* Allows you to pay money from one country to another with just a message
* Don’t need to carry around bills, coins, credit or debit card instead all you need is your phone and download an app

1. List three ways that social media payments are a negative thing.

* social media companies can see your financial information
* Can get hacked and go bankrupt
* People will become dependent on their phones which means more energy will be used and can have a negative environmental impact

1. Is Canada ahead of or behind other countries in the use of mobile payments? Explain your answer.

Canada is a little behind in mobile payments because most of the population still uses cards or bills to pay because they are hesitant of giving up financial information or paying online because of hackers. Also Canada has an aging population which means they are most likely to use credit cards because they are afraid of hackers as well.

1. In your opinion, should mobile payments be allowed in Canada? Write a SOP to justify your position.