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>

1. <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).

-there is nothing the person has to keep on them it is all online

-bitcoin is not any currency for example it is not only in dollars, euros and ect.

-it is very secretive and hard to track

1. List one advantage of Bitcoin over on-line payment services such as PayPal.

One advantage of Bitcoin over paypal is, it is very hard to track the tractions that are being placed instead PayPal can be tracked very easily by anyone.

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

-investing companies can use bitcoin in a positive way as it is another way to make money

-criminals has it can hide their black money

-people who do not want to give out their personal information to people

1. Bitcioin claims to be anonymous. Is this true (explain)? How could someone find out your identity?  
   Bitcoin is anonymous as it’s security takes so much energy as it takes more energy than the country Ireland. This means it is almost impossible to track someone and find that person’s identity.
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.

Bitcoin nowadays are used for criminals to hide their black money from the government which is not good. Using Bitcoin criminals can hide their money and their identities as well. Moreover, criminals are now using Bitcoin to its own advantage as they can hide their black money with no problem. Criminals can now take their black money and put it into bitcoin and have no problem. Also they can make more money as Bitcoin value can rise, resulting criminals to have more funding. With this Bitcoin should have some more restrictions. Furthermore, criminals can hide their identity now as Bitcoin cannot be tracked down. Their network is so protected that no one can track anyone as the network firewall is so protected at all times. With this happening Bitcoin should ask some questions to its users and not be fully animus. In conclusion, Bitcoin should have some restrictions and not let criminals use their black money.

**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?

Bitcoin miner is when a transaction is verified and the money gone through to buy a Bitcoin. Hut-8 facility is 180 computer servers and uses more energy than the city of Medicine Hat which has a population of 60000 people.

1. 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?  
   Hut-8 is located in Alberta because of the amount of blackouts in Alberta due to how many miners there are in Alberta. There are some bitcoin buyers in Alberta which requires them to have more energy.
2. What benefits does the city of Medicine Hat expect to see from this Bitcoin facility?  
   Some benefits for the city of Medicine Hat is they now have their own natural gas, electricity generations and distribution centers. With this 40 new full time jobs are created in the city. Also plus the economy of Medicine Hat is expected to increase due to the jobs increase.
3. What concern does the city of Medicine Hat have about from this Bitcoin facility?  
   The concern for the city of Medicine Hat is that fossil fuels are used to run the facilities and not clean energy. This means the air of Medicine Hat is going to be polluted due to the facilities.
4. 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?  
   Bitcoin mining is harming the environment as it takes a lot of energy to bitcoin mine. Bitcoin mining causes a lot of blackouts which is a lot of trouble for the city people. Also to run the facility fossil fuels are used which harm the air.
5. 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 a Hut-8 facility was built in Brampton, it would be a great economy boost for the city as it will create a lot jobs. If a Hut-8 facility comes to Brampton then the economy will boost and more jobs will be created. Moreover, Brampton economy can be on a rise if its own facility is built. Brampton will have its own natural gas, electricity generators and distribution centers. With all this it will create a lot of money and more population for the city of Brampton. Furthermore, Brampton’s employment rate will go down as more jobs will be created. With the natural gas facility, electricity generators and distribution centers this will for sure create a lot of jobs for Brampton. In conclusion, a Hut-8 facility will help Brampton in a lot of ways.

**Level 3: Mobile Payments**

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

You can use social media to pay payments on the app. For example if Facebook is asking you if you want to buy this you can with putting your credit card information.

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

It is easy to access

Make friends

Make connections

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

Less need of physical things

Less banks

Less jobs

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

In other countries almost every single store has the access to using a phone to pay for your things. Canada not everyplace accepts mobile payments and will only accept card or money. Which makes Canada behind a lot of countries.

1. In your opinion, should mobile payments be allowed in Canada?

In my opinion every store in Canada should allow mobile payments because it is way easier than holding money or a card. With mobile payments people won’t have to carry much with them as they got their phones to do everything for them. There is really no negatives to allow mobile payments in Canada.