Researching Polymeric Nanoparticles

Name_	dateper
Answe	er the following questions as you are researching on the topic of polymeric nanoparticles.
1.	What type of materials are the nanoparticles (NPs) made of?
2.	Why is using that substance for the NPs beneficial?
3.	What size are average nanoparticles?
4.	How are NPs able to release the entrapped/encapsulated drug?
5.	Can you use NPs to target specific cells? How so?
6.	How are the NPs able to enter the cells?

7.	Why is it beneficial to be able to have specific targets for the nanoparticles?
8.	What are some factors you would want to know about the NPs before you put them into your body?
9.	What types of factors do you think could break down (degrade) the polymer shell of the NP?
10.	As the NP travels through the human body what is the environment like? Try to come up with at least 3 conditions or factors in the human body that might cause the NP to degrade.
11.	What are some other interesting things you have learned about nanoparticle?