Reading Quiz 0.2 - INTD290 ... Part I

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1 How to Submit this Assignment

Once you answer the questions, take a picture of your work and convert it to a PDF. Submit the PDF to the assignment link on Moodle.

2 Hispanic America's Historical Dynamics

- 1. The author lays out the central argument of the chapter in this section, which is the connection between merchant guilds, the domestic economy, and the constitution of enlightenment institutions. Please list some of the institutions, like colleges and botanical gardens (think of these as research institutes), mining guilds and corporations, etc. Give the dates, organized by country below:
 - corporations, etc. Give the dates, organized by country below:

 (a) México: School of mining (est. 1792), School of Botany (1788), school of the art (1789)
 - (b) Perú: Laboratorio Químico Metalúrgico (est. 1792), Tribunal de Mineria
 - (c) Venazuela (Caracas): Academia de Matemática (est. 1760), business consulte
 - (d) Guatemala: Jardin Botánico (est. 1796), drawing and mathematics schools (est. 1797), Sociedad Económica de Amigos del Bis

3 Modern Scientific Culture

1. Discuss the significance of *empiricism*, or the use of observations from instruments, on scientific culture. How was this different from Scholasticism? (Feel free to look up the definitions of these terms).

In Evope the rise of empirical science led to a shift in how and where science was conducted. The new scientific method drew scientists away from theologically influenced scholasticism and allowed for the expansion of scientific institutes in the age of reform and Enlightenment. With this expansion, science became more and more prestigious and value.

4 Hispanic American Scientific Culture

1. Notice the discussion of Scientific Libraries. Discuss the significance of the formation of private scientific libraries in Enlightenment period Hispanic America. What does the existence of these collections of new, modern books tell us about scientific culture at the time? Why where these books not in common libraries? What are a few other examples of the birth of modern scientific culture that more private than public or nationalized?

The unstepped levise of private libraries and book smuggling was

demonstrative of the success of empiricism. Despite the efforts of the church and homeland to maintain traditional scholasticism (by keeping modern texts out of common librarier in favor of traditional ones), Enlightenment.

2. Notice the discussion of Scientific and Technical Journals. Give several examples of scientific and technical journals emerging in the culture. When were they created and what did they cover? 1768 The liar to Literario was one of the first hispanic American scientile Journals and it sought to fill in vescarch that was previously overlooked or underrocarched. Interthyly the althor encourage of form of personal than the encourage of a form of personal was the significance of the debate over mining methods? Who eventually won the debate and why? The debute over mining methods for whereas such as silver and Gold Should just how much referee in America had expanded by the late 1700s. "discovers" of "superior" mining methods by European researches had really buch known in America, for years and the methods proposed in America were still superior. The Europeans slowly came around to acceptince of the new practices, but more importantly this demonstrates the slow idependence from Europe as a result of scientific expension in America 1. conti ; eva science prevailed. Of course it was all very privatized in private libraries and the formation of small communified of scientists who had access to there modern texts. Soon, however bookstons and more distribution of books proliferented in hispanie America. 2 cont.: journals suchas Mercusio Volante, Con Noticias Emportantes y Curiosas sobre Física y Medicina (1772), Asuntos Varios sobre Cincles y Artes also published by Alzate, Havertenias y Reflexioner Voris Conducentes al Buen Uso de los Relojes Grandes y Pequinos y su Regulaçãos: Paperes periodicos (1777), Observationes sobre la Física, Historia Nutural y Artes Ofler (1787), and more, and more