Q Uiz #2

1) a) Mexico: Mine owners organized into bodies that had their (1780's)

Oun tribunals, and merchants organized trade groups.

Jose Bustamonte Bustillo and Pedro Romande

Terreros, Mine owners. In Mexico, schools of mining

(1792), Botony (1788), and the arts (1788) were

Created. Trade groups were created in all important

Hisponic American Citizs at a rapid rate because

Of Trade liberalization (in Mexico 1894).

b) Peru: In the 1780's, Mine owners organized into bodies that had their own tribunals, and Merchants organized frade groups. Trade group was created in Lima in 1618.

Franco Romero de Terreros, mine owner: In Lima, the Laboratorio Quim co-Metalurgio (1792) was sponsored by the Tribahal de Minera

C) Venazuela (caracas): Trade group created in 1793. In (cracas, the Academia de Matematicas (founded in 1700) was supported by the business consulate. d) buatemala: Trade group created in 1703. The Jardín
Botánico (Botanical Gorden, established in
1706) and the drawing and matematics schools
(in 1707) were set up by the Sociedad Economica
de Amigos del País.

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2) Empiricism in the philosophy of science emphosises evidence, especially as discovered in experiments. It is a fundamental part of the scientific method that all hypothesis and theories must be tested a gainst observations of the natural world cather than resting solely on a priori reasoning, intuition, or revelation.

The difference between Empiricism and scholasticism is Empiricism focuses on ethicists and the consum isoften derived from experienceand experiments. Scholasticism focuses on faith and the strength of religious life. It focuses on faith and reason, realism and nominalism, and the provability of the existence of God.

3) Private Libraries were built in spite of officializations and by book smuggling, publications and scientific newpore of disseminated scientific news with the double purpose of creating a culture of science and advancing scientists socially. The existence of these new modern books tellus about advance material Such as Hermetic scientific texts, materialists, astrological, and physics. The common libraries held traditional material and lacked modern scientific texts and were not acquainted with the works of Enlightenment philosophers. Some books were not in public libraries because a lot of teaching and books were barned from there. A faw examples of the birth of modern scientific culture that more private than public are Mathematics by Christian holfad Elements of Chemistry by Academe de pajon,

The first propally scientific magazine of the American

Enlightenment, Daria Literario de Mexica (establishedin 1768)

was published by a citizen of New Spain, Jose Antonia

Alzate y Ramirez. Diano Literario, Asuntos Varios

Sobre Ciencias y Artes (1772) adobsanaciones sobre ciencias

y Artes (1772). These consed science and helped popularize

itouer the next 30 years. Other scientific magazines included

primicias de la cultura de auto (1701), Memorias de la

Sociedad Economica (1703) adla Gaceto de Guatemalo (1707).

These publications were encowaged by the Enlightenment

philosophy that characterized the economic societies: to

Studythe country; to promote reforms in education and

major economic activities, and to modernize scientífic

and technical areas.

S) The Significance over the debate over mining methods was to give miners children or miners the proper education they deserved. They would teach them physics, chemistry, mathematics, etc.