Midterm+2

Unit 3

1. A) Higher B) 960/6 of the errors were in the scientists' favor.

2. A) I believe this is the case because while one individual may not notice any errors in their work, when that same work is reviewed by a group its much more likely someone will notice a mistake that has been made.

B) One example of this is the case of cold fusion, it was initially not reviewed and was very flawed as a theory, when it was reviewed by other scientists, it was easy for them to point out the mistakes within and what made it a flawed theory.

research was rushed and incomplete, theory was not backed up by data, data could not be reproduced B) Two months.

H. A) Mining, cartography, sailing, physicians
B) Lawyers

Die



Midterm, Continued



5. The purpose was to study the plants, mincrals, animals and other resources of the area and figure out how to commercialize and make profit off of them.

6. A) He established the Colegio de Medicina y cirugía, He supported and contributed to

He established the Colegio de Medicina

y cirugía, lte supported and contributed to

the Mercurio i Pervano. Ilte published

conservaciones sobre el clima de Lima y sus influencias

en los seres organizados, en especial el hombre.

B) Mutis led the Expedición Bótanica in

Nueva Oranada, spread Enlightenment era

modern science in Latin America, spread

Copernican viewpoints, and caused a lot

of educational reform



7. A) Around 1810. B) Francisco José de Caldas

to dt Lotolines ar bro

Cadida.

VEDESH Chulling Challetterens

Channes Channer

1.

Midterm Continued

1. 15-20 years

The practice began in Paris. It fits the scientific attitude because they collect evidence from the body, to tests to determine how they died, and confirm cause of death based on the evidence they find,

the mold in the petri dish was an accident as it is a situation that happened by chance and which Fleming did not intend but all the other steps done to make penecillin useable to treat infections were completely on purpose and used fleming's initial discovery as a starting point.

B) He meant that while things may happen
by chance, only a prepared mind is capable
of properly reacting to and studying the
reasons why it happened and how they can
tilize that knowledge to make a difference
c) I believe the discovery of cinchona was
accidental, but the process of figuring out how
to use it was scientific

hefolms caused by the war for independence resulted in the heal Escuela de Cingía de México being shut down and replaced by the Establecimiento de ciencias Médicas,

1

-17

Midterm Continued

- 5. A) Low population, poverty, less educational institutions

 B) José Mutil

 C) It was reestablished in 1802 in the Colegi
 - c) It was reestablished in 1802 in the Colegio del Rosario. It was closed during the way for Independence and reopened after.
- 6. A) None B) Napolean invaded, taking control of portugal as the portuguese crown Fled. With Napolean in power, European systems and knowledge were brought to portugal leading to much medical reform happening in the area as medical institutions were created.
- 7. Scientific Publications, Academic / Medical Institutions, and Universities, Medical and Educational boards who decided on what standards needed to be met.

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(1)

Midterm Continued

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change = 0.50 lat earth radius = 6
                           earth radiu = 6,378 Km
            B (0.5)
           (6378km) (0,5)
S = 3189 km)
      450 N
                 600 km
B)
                600km
               (6376) cos (45°
BCOSB
              4509,9
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Midterm Continued Unit 5

- A) Circa 1850s 1860s, such as La Lanceta (1852) and La Gaceta Médica (1864) B) Medical journals were published significantly journals dating back to the mid 1700s. () They were connected through Dr Antonio. Vargas Reyes
- Facultad de Medicina ano Real Escuela do Cinugia merged to create Establecimiento de Ciencias Medicas
- Some other holistic Forms of medical development included anatomy, herbal remedies; and lots of indigenous knowledge. These developments are still very much so medicine and one capable of helping cure diseases, even if not based in modern germ theory.
 - A) Invasion by Napolean, Portugese court moved to Rio de Janeiro in 1808. B) 1822 C) 7-10 years later





Midterm Continued

- 5. (c Flexnerian) refers to the Flexner report

 which was when Abraham Flexner visited

 medical schools across America and discovered

 that imost were facades and did not abide

 by medical or academic principles, most not

 even having a lab. This spathed mass educational

 reform within medical schools and caused there

 schools to now be held to certain standards

 and have certain licenses to be considered

 a medical school, "flexnarian" means it abides by those rules.
- B) To treat and study tropical diseases, and also promote the health benefits of living in the tropics.
 - C) 1899. They responded by led by Dr. Oswaldo Cruz, developing a vaccine for the plague.

