

**ISC 2937
FINAL EXAM; R. H. REEVES; TWO EXAMPLES**

[Out of 5 Questions (20 points each)]

2. A) Creutzfeldt- Jakob disease is a very unusual disease because it can be a genetic disease that runs in families or an infectious disease. Explain this phenomenon.
B) Explain how Kuru, which affected the Fore tribe of New Guinea, first was introduced into the population and how it was spread.
3. Both Ebola hemorrhagic fever and AIDS have very high mortality rates. Both had their origins in Africa in recent years. Ebola has essentially remained confined to central and west Africa while AIDS has become a worldwide problem. Explain how the disease reservoirs, the mode(s) of transmission, and the progress of the disease have allowed this to happen. How have societal changes contributed to these epidemics?

THIS IS A TAKE-HOME EXAMINATION. THE TOTAL LENGTH OF YOUR ANSWERS SHOULD NOT EXCEED FOUR PAGES, DOUBLE-SPACED.

IT IS AN OPEN BOOK EXAM, BUT YOU CANNOT CONSULT OTHERS. IT IS DUE AT 5 PM, FRIDAY, DECEMBER 9th, IN MY OFFICE, 330 CONRAD.