

Final Examination

Instructions: Read each question carefully. Answer all the questions. Time limit 4 hours. Begin immediately.

HISTORY: Describe the history of the papacy from its origins to the present day; concentrating specifically (but not exclusively) on its social, political, economic, religious, and philosophical impact on Europe, Asia, America, and Africa. Be brief, concise, and specific.

MEDICINE: You have been provided with a razor blade, a piece of gauze, and a bottle of Scotch. Remove your appendix. Do not suture until your work has been inspected. You have 15 minutes.

PUBLIC SPEAKING: 2,500 riot-crazed aborigines are storming the classroom. Calm them. You may use any ancient language except Latin or Greek.

BIOLOGY: Create life. Estimate the differences in subsequent human culture if this form of life had developed 500 million years earlier, giving special attention to its probable effect on the English parliamentary system. Prove your thesis.

MUSIC: Write a piano concerto. Orchestrate and perform it with a flute and drum. You will find a piano under your seat.

PSYCHOLOGY: Based on your knowledge of their works, evaluate the emotional stability, degree of adjustment, and repressed frustrations of each of the following: Alexander of Aphrodisias, Ramses II, Gregory of Nicea, and Hammurabi. Support your evaluations with quotations from each man's work, making appropriate references. It is not necessary to translate.

SOCIOLOGY: Estimate the sociological problems which might accompany the end of the world. Construct an experiment to test your theory.

MANAGEMENT SCIENCE: Define management. Define science. How do they relate? Why? Create a generalized algorithm to optimize all managerial decisions. Assuming a 340 MHz UNIX mainframe supporting 50 terminals, each terminal to activate your algorithm, design the communications interface and all necessary control programs.

ENGINEERING: The disassembled parts of a high-powered .50 caliber rifle have been placed in a box on your desk. You will also find an instruction manual, printed in Swahili. In ten minutes, a hungry Bengal tiger will be admitted to the room. Take whatever action you feel is appropriate. Be prepared to justify your decision.

ECONOMICS: Develop a realistic plan for refinancing the national debt. Trace the possible effects of your plan in the following areas: Cubism, the Donatist controversy, and Schroedinger's quantum mechanical wave equation. Outline a method for preventing these effects. Criticize this method from all possible points of view.

POLITICAL SCIENCE: There is a red telephone on the desk beside you. Start World War III. Report at length the sociopolitical effects, if any.

EPISTEMOLOGY: Take a position for or against the truth. Prove the validity of your position.

PHYSICS: Explain the nature of matter. Include in your answer the evaluation of the impact of the development of mathematics on science.

PHILOSOPHY: Sketch the development of human thought & estimate its significance. Compare with the development of any other kind of thought.

CHEMISTRY: Create element #115 and measure its specific heat capacity, polarizability, and enthalpy of vaporization. Then fuse it with a vanadium-46 nucleus, measuring the energy released in calories, joules, and British Thermal Units. Safety goggles will be provided.

GENERAL KNOWLEDGE: Describe in detail. Be objective and specific.

EXTRA CREDIT: Define the Universe. Give three examples.