Einstein - the Man and the Mystic
(The Significance of Einstein)

I. Introduction.
A. Statement of A.B. Shaw relative to 9 generations having passed since there was an opportunity to be present with a man of Einstein's altitude.
B. The greatest mind of the age and a character universally loved.
C. Reference to statement that science is the Avatar of this day.
   1. Einstein occupies a position of genuine avatara significance.

II. Fields into which Einstein has penetrated.
A. Science
B. Religion (Cosmic Religion)
C. Social relationships.
   1. Militant pacifism
   2. International comradeship of intellectuals.
      a. Force to break down barriers of prejudice.
   3. Zionism
D. Art - Music.

III. Science.
A. The scientific stage Einstein enters.
   1. X-rays.
   2. Radio-activity.
   3. Atom composed of electrons and protons.
   4. Newtonian dynamics fail in intra-atomic relationships.
   5. Matter explained in terms of electricity.
   7. Quantum theory and notion of energetic corpuscles.
      a. Involves instantaneous, discrete steps in space.
   8. Material points interpreted as wave systems.
      a. Scientific laws become statistical statements.
   10. Ultimate physical conceptions reduced to mathematical equations.
B. Theory of relativity.
   1. Experiments relative to passage of earth through ether.
      a. Contradictory results showed nearness of revolution in physical concepts.
   2. Einstein's abandonment of absolute space and time
   3. Time and space such that velocity of light constant.
   4. Consequences.
      a. Space, time and mass separately show no constancy.
      b. Space-time continuum takes place of space and time.
      c. Energy and mass interchangeable.
      d. No absolute simultaneity.
      e. No single plane separating future and past from all men.
      f. In place of matter and energy as constants we have only events or action.
      g. Warped space.
      h. Gravety becomes movement in straight line in warped space.
      i. All physical properties may become reduced to metrical properties of space-time continuum.
C. Significance of relativity.
   1. Abandonment of mechanistic view of universe.
   2. Approach toward cosmology of...
IV. Religion.
A. The three religious stages.
   1. Religion of fear.
   3. Cosmic religion
      a. This is fundamentally the standpoint of Buddhism.
      b. Replaces anthropomorphic God with universal principle.
      c. Human desires vain.
      d. Individual destiny imprisonment.
      e. Realization of totality of existence as unity full of significance.
      f. Function of science and art to keep alive cosmic religious sense.

V. Militant pacifism.
A. Betrayal of spirit to use achievements of science to destroy men.
B. War and the military way of thinking wholly indefensible.
C. The dictatorial principle involves degeneration.
D. Practical program.
   1. Pledge of non-participation in war.
      a. Intelligent men to refuse to support military action directly or indirectly.
   2. Peace service involving danger for war-resisters.

VI. Personal statement.
A. Real conflict today not between nations but between civilization and barbarism.
   1. Military thinking is barbarism.