1. According to Weber which of the following social action is reflective in nature?
   a. Goal-rational
   b. Traditional
   c. Affective
   d. All of the above

2. According to Koyre’s view on interaction of science and technology, technology is
   a. Only a technique
   b. A system of thought based on common sense
   c. A system dependent on science
   d. All of the above

3. According to Koyre’s view on interaction of science and technology
   a. Science influences technology in subtle and indirect ways
   b. Science influences technology in profound and direct ways
   c. Technology influences science in subtle and indirect ways
   d. Technology influences science in profound and direct ways

4. Technological thought is not a single monolithic whole and it cannot be uniquely characterized in any single formula, rather there is a common denominator to technology and that is
   a. Science
   b. Ability to design
   c. Natural philosophy
   d. Architecture

5. What are the characteristics of a design in the context of technology?
   a. Design is an adaptation of means to some preconceived end
   b. A conception in a person’s mind which is translated into a detailed plan
   c. Design for the final product of technology does not exist in isolation
   d. All of the above

6. “Scientific explanation” of social action is the characteristic of the following approach:
   a. Positivism
   b. Metaphysics
   c. Theology
   d. None of the above

7. Which of the following does not characterise a design in the context of technology?
   a. Design is an adaptation of means to some preconceived end
   b. Design can be reduced to technique
   c. A conception in a person's mind which is translated into a detailed plan
   d. Design for the final product of technology does not exist in isolation
8. American engineers conceive of the engineer as a
   a. Technician
   b. Artist
   c. Engineer who is able to research
   d. **Practical scientist who is able to design**

9. Which of the following is *incorrect* as per Koyre’s position on the distinction between science and technology
   a. The laws of science refer to nature
   b. The rules of technology refer to human artifice
   c. **The function of technological rule is to enable human to understand the universe**
   d. The function of technological rules is to provide a rational basis for design

10. Which of the following is *correct* as per Koyre’s position on the distinction between science and technology
    a. The laws of science refer to nature
    b. The rules of technology refer to human artifice
    c. The functional laws of science are to enable human to understand the universe
    d. **All of the above**

11. The ideas and values of technologists are directed towards
    a. Needs of basic science
    b. **Needs of communities**
    c. Need for the technology
    d. Both a and c

12. According to Layton the term “Technologie” circumscribes which of the following
    a. Basic science
    b. Natural philosophy
    c. **Engineering science**
    d. Technique

13. According to Koyre’s view on the interaction of science and technology, technology is
    a. Only a technique
    b. A system dependent on science
    c. A **system independent of science**
    d. All of the above

14. According to Weber which of the following social action is unreflective in nature?
    a. Purposive
    b. Value-rational
    c. **Affective**
    d. All of the above
15. “Understanding” of social action is the characteristic of the following approach:
   a. Positivism
   b. Neo-Kantianism
   c. Both a and b
   d. Neither a nor b