1. Do you think Information Science significant to you? What do you want to learn from the program?
2. What, do you think, is Information Science (IS)? What is the difference among Information Science, Information Theory, and Communication Theory or Computer Science?

1. Why can only syntactic information be sensed?
2. Please state the principles of pattern recognition.
3. What are the principles of machine learning? Do you find any problems in present form of machine learning?
4. Do you have any idea to improve the quality of machine learning in general?

1. How do you understand the relationship between knowledge and information?
2. Do you agree the first category of the Law of Information Conversion? Why and why not?
3. How do you understand the primary consciousness, or equivalently awareness?

1. Please provide your own understanding on the interrelation between information science and system science.
2. Why do open and closed systems have different behaviors?
3. What are the conditions by which a system can be said a self-organized and how to make a system self-organized?

1. How should we define the concept of Information?
2. What are the relationship and difference between Shannon Info and the Comprehensive Info?
3. How to reasonably classify Information?
4. How to properly represent Information?

1. Are you satisfied with the statements on the principles of information transferring? Why?
2. What if applying comprehensive information theory in communication? Give examples.

1. How do you evaluate the significance that Law of Information Conversion may have?
2. Try to check out the conceptualized algorithms for three, or more, categories of the information conversion, which are listed in the "Summary" in next pages.

1. Do you think information measurable? Why and Why not?
2. What is the basic ideas of information measuring?
3. What are the differences in comprehensive information Measuring, compared with Shannon method?
4. How do you think of the indicating parameters, t_n and u_n, for semantic and pragmatic information?

1. What is the difference between signal processing and information Processing? Give examples.
2. Why cannot increase syntactic information amount via information processing? Give examples.
3. What is the relationship between conventional information and intelligent Information processing?

4. Do you have the experiences in dealing with any kind of information processing: signal, conventional, intelligent? Give one example or more.

1. Please give your own explanation on the mechanism for information-action conversion.
2. Try to prove the "Information Threshold Criterion" in the designing of control systems.
3. Do you agree the saying that control theory is a part of information science? Why and why not?

1. What is methodology?
2. Is methodology nesscessary?
3. ?

1. ① Four major laws of science and technology.
② model and principal of information process.
③ ontological information and epistemological information
④ Synactic information, pragmatic information, semantic information.

5. ⑤ Characteristics, nature, function, classification of information
⑥ Comprehensive information and Shannon information.

6. ⑦. The significance of Shannon Information Theory to communication engineering and information science
⑧ differences and relationship between Information science, information theory, communication theory.
⑨ Necessity and sufficiency of information acquisition.

6. ⑩ basic approach of information sensing.
⑪ Basic approach of Information recognition.
⑫ relationship between machine learning, pattern recognition, neural network

7. ⑬. basic function of cognition
⑭. difference of cognition between computer information management and human, animals.
⑮. differences and relationship between knowledge and information.

7. ⑯ Mechanism of knowledge producing. can you propose other mechanism and algorithm of knowledge producing.
⑰: ten algorithm for knowledge producing.

8. ⑱. knowledge ecology and evolution.
⑲. generating process of intelligence.
⑳. principle of information conversion and its necessity.

8. ㉑: How can we use learning intelligent technology, like PR, ML to realize information convesation.

9. ㉔: do you have experiences in dealing with any kind of information processing? Give one example or more.

9. ㉒: mechanism of control, adaption and learning.
㉓: system optimization of information self-organizing.

9. [1]: The content: Information Processes.
[2]: The content: Information Conversation.

11. [1]: Comprehensive Info & Shannon Info
1.1: What is Shannon Info & Compre Info
1.2: relationship between Comprehensive Info & Shannon Info.

11. [2]. basic function of acknowledge / cognition.
[3]: Ontological Information & Epistemological Info
[4]: Principle of information transformation (information - knowledge - intelligence)

11. [5]: Syntactic, pragmatic, semantic information.
[6]: Formal, Content, Value knowledge
[7]: knowledge ecology & Evolution.

12. [8]: generative process of intelligence.
[1]: relationship and difference knowledge & information.
[2]: differences among Information Science & Information theory, communication theory.
[3]: the necessity of (information - knowledge - intelligence theory.

12. [4]: relationship machine learning & Information science.
[5]: What's Shannon info meaning for Communication theory and Information Theory.

13. [6]: the necessity and sufficiency of information acquisition.
[7]: information processing of computer VS acknoledge of human and animal.

13. [9]: What is the essential mechanism of knowledge generation.
[10] How to get semantic information?
[11]: What's the definition of entropy?