2018 Problem IV. Requirements Elicitation  
a) What are main types of requirements? Briefly explain each of them

b) Maintaining traceability during requirements and subsequent activities is expensive, because of the  
addition information that must be captured and maintained. What are the benefits of traceability that  
outweigh this overhead?

2017 a) We identified the following types of scenario: As-Is, Visionary, Evaluation and Training scenario.  
Briefly explain each of them and give examples.

b) Explain why multiple-choice questionnaires, as a primary means of extracting information from  
the user, is not effective for eliciting requirements.

c) Specify which of these requirements are verifiable and which are not:  
• ***“The system must be usable.”***  
• ***“The system must provide visual feedback to the user within 1 second of issuing a command.”***  
• ***“The availability of the system must be above 95%.”***  
• ***“The user interface of the new system should be similar enough to the old system such that***  
***users familiar with the old system can be easily trained to use the new system.”***

2014 全与其他相同

2013 a) What are main types of requirements? Briefly explain each of them

2012 a) What is difference between traditional and modern methods for requirements elicitation? Wheneach of them is more appropriate?

2010a) What are main categories of requirements in the FURPS+ model? Briefly explain them

b) Which requirements validation criteria do you know? Briefly explain them. Give anexample of a requirement that can’t be validated.

2008 b) The need for developing a complete specification may encourage an analyst to write detailed and lengthy documents. Which requirement validation criteria(s) may encourage an analyst to keep the specification short?

c) Name categories of nonfunctional requirements suggested by FURPS+ model. Which of them are quality requirements and which of them are constraints or pseudo requirements?

2007 a) What are main types of scenarios? Briefly explain them.

b) What are main types of requirements? Briefly explain each of them