Multiple-Choice Questions:

- 1. Which of the following is a *non-functional requirement*?
 - a. The system enables users to place lunch orders.
 - b. The system always responds to user clicks in less than one tenth of a second.
 - c. The system displays a list of hotel vacancies.
 - d. The system notifies the user when a new order arrives.
 - e. None of the above
- 2. Which question does <u>non-functional</u> requirements answer?
 - a. What does the system do?
 - b. When does the system do it?
 - c. Where does the system do it?
 - d. Why does the system do it?
 - e. How well does the system do it?

Solutions:

- 1. b
- 2. e

Short-Answer Questions:

For each of the f	following requirement	s specifications, giv	ve the type of the	requirement with	respect to the
FURPS+ classifi	ication. Write the nan	ne of the requiremen	nt type (e.g., "fun	ctional").	

1.	[3pts] The text in menus and toolbars must be in at least a 10pt font, so it is readable to the user.
2.	[3pts] A spreadsheet must use no more than 50 MB of memory at a time, regardless of how large the spreadsheet is.
3.	[3pts] The document editor must be able to run continuously for one week without crashing.

Solutions:

- 1. Usability
- 2. Performance
- 3. Reliability

Multiple-Choice Questions:

- 1. Which of the following should a user story <u>not</u> do?
 - a. Describe one thing the software needs to do for the customer
 - b. Be short
 - c. Discuss specific technologies
 - d. Be written using language the customer understands
 - e. None of the above
- 2. According to the INVEST mnemonic, which of the following is a good quality of a user story?
 - a. USs are independent of one another
 - b. USs have value to the customer
 - c. USs are generally small
 - d. All of the above
 - e. None of the above

Solutions:

- 1. c
- 2. d

Problem : Think of the eCourseware system that we've used in class. Reverse engineer one user story th records a requirement for the system. You must apply the description template described in class, and your US must have the other attributes of good user stories, which we discussed in class.

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Many possible answers
there's the template:
"As a <who>, I want <who> <uhy>."</uhy></who></who>
Here are some other good attributes:
- Describe one thing
- Use customers language
- Not be long essay
- Not use technical terms

Title: Animated Buttons

Description: Use jQuery to animate

buttons.

Estimate: 2 days

Title: Review Flight

Description: A user will be able to

leave a review for a shuttle flight they

have been on.

Estimate: 20 days

Figure 1. Two example user stories.

Problem : Of the two user stories in Figure 1, which was better written? Explain your answer.				

Solution:

US Review Flight is better because it is customer oriented. US Animate Buttons talks about implementation technologier (j Query) that the may know nothing about.