Mid-term questionnaire

Multiple choice

A question might have several correct answers. Answer is answered correctly, if all correct answers are marked.

1. How are systems that are useful in the context of some human activities supported by the software, which is run on some hardware, called?
   - Computer systems
   - Information systems
   - Software-intensive systems
   - Software systems

2. Which software system development lifecycle is primarily used to understand the requirements for the user interface, to examine feasibility of a proposed design approach and/or to explore system performance issues?
   - Prototyping
   - Spiral model
   - V model
   - Agile model

3. What are things in the application domain that are true or not when we ever build the proposed systems?
   - Requirements
   - Specification
   - Domain properties
   - Assumptions and expectations

4. What is the part of the system environment relevant for defining, understanding and interpreting the system requirements?
   - System boundary
   - Requirement engineering
   - Requirements specification
   - System context
5. How are aspects which concern the operational or technical environment where the system is deployed, called?
   - Subject facet
   - Usage facet
   - Development facet
   - IT facet

6. Which requirements engineering activity does help to achieve progress in the content dimension by detailing information about existing requirements?
   - Requirements validation
   - Requirements elicitation
   - Requirements management
   - Requirements specification

7. Which requirements artefacts do specify requirements at the required level of detail, the desired properties and features of the system to be developed?
   - Solution-oriented requirements
   - Goals
   - Scenarios
   - Domain properties

8. Is elicitation difficult because of the existing bias?
   - Yes
   - No
   - Yes, and also because of the thin spread of knowledge and tacit knowledge
   - No, it is difficult because of the thin spread of knowledge and tacit knowledge

9. What are the major stakeholder interests?
   - Financial interests
   - Observational interests
   - Development interests
   - Usage interests

10. Which elicitation techniques are used for summarization and feedback, i.e., to conclude on a set of the requirements, to discuss the results of the information gathering, etc.
    - Meetings
    - Interviews
    - Groups elicitation techniques
    - Joint/rapid application development
11. What concerns should be included to requirement specification (document)?

- Functionality
- Performance
- Attributes
- Design constraints imposed on and implementation

12. Which criterion of good requirements does *often* require quantification?

- External observability
- Understandability
- Cohesiveness
- Testability

13. Why is it important to resolve requirements conflicts?

- For the acceptance of the system by stakeholders
- For the successful (i.e., timely, within the budget, and etc.) completion of the project
- For the interdependence and clarity
- For the complete specification of the requirements

14. Which requirements negotiation activity might include decision (by authority) making?

- Conflict identification
- Conflict analysis
- Conflict resolution
- Conflict documentation

15. What type of conflict does exist if stakeholders are wrongly or incompletely informed about the requirements?

- Values conflict
- Data conflict
- Interest conflict
- Analysis conflict

16. During which activities requirements inconsistencies can be found?

- Requirements elicitation
- Requirements documentation
- Requirements management
- Requirements validation
17. To which activity does phrase “to build right system” refer?

- System development
- Validation
- Verification
- Requirements engineering

18. What should be validated during requirements engineering?

- Requirements activity inputs
- Requirements competitors
- Execution of requirements activities
- Requirements activity outputs

19. During which activity does requirement engineer establish requirements traceability, prioritise requirements, and manage changes of requirements artefacts?

- Requirements representation
- Requirements validation
- Requirements management
- Requirements documentation

20. How is the development of cost effective solutions to practical problems through the application of scientific knowledge, called?

- Live-cycle
- Building
- Engineering
- Application