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Marks	27.00/45.00
Grade	60.00 out of 100.00

### Question 1

Correct

Mark 1.00 out of 1.00

A system proposal consists of material created during planning and analysis. The system proposal typically includes an executive summary, the system request, the workplan, the feasibility analysis, the requirements definition, and the evolving models that describe the new system.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

## Question 2

Correct

Mark 1.00 out of 1.00

Which of these standards is not commonly used as the information system compliance standard?

Select one:

- ☐ A. IFRS
- ☐ B. Sneiderman eight golden rules
- ☐ C. ISO 9000 compliance
- ☐ D. Sarbanes-Oxley
- ☒ E. Option A & B ✓

The correct answer is: Option A & B

## Question 3

Correct

Mark 1.00 out of 1.00

Story cards and task lists are used in the agile development approaches. A story card is typically an index card with a multiple requirement (functional or nonfunctional) written on it.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

**Question 4**

Correct

Mark 1.00 out of 1.00

Below are the examples of functional requirements in hospital information system, except?

Select one:

- ☐ A. Manage appointment
- ☐ B. Produce doctors' schedule
- ☐ C. Manage patient data
- ☒ D. Store new appointment in 2 second ✓
- ☐ E. Manage doctors' data

The correct answer is: Store new appointment in 2 second

**Question 5**

Correct

Mark 1.00 out of 1.00

Which of the following statements is correct about the creation of requirements definition?

Select one:

- ☐ A. The project team need not to determine the kinds of functional and nonfunctional requirements because most of the time the client had determined it already
- ☒ B. Iterative and ongoing process where an analyst collect information with requirement gathering techniques is the definition of requirement definition creation ✓
- ☐ C. If a requirement reflect a real business need but not within the scope of current system, it should be done in the current phase and put on the high priority list
- ☐ D. Requirement definition is kept up to date, so the team can always grow the project scope anytime and gain more profit
- ☐ E. All statements are correct

The correct answer is: Iterative and ongoing process where an analyst collect information with requirement gathering techniques is the definition of requirement definition creation

**Question 6**

Incorrect

Mark 0.00 out of 1.00

Which of the following examples is not categorized as cultural and political nonfunctional requirements?

Select one:

- ☒ A. The information system should accommodate Indonesian and Singapore Dollar currency ✖
- ☐ B. The information system must use Indonesian and English language
- ☐ C. The information system must follow the national regulation related to information technology
- ☐ D. The information system should use international date format
- ☐ E. Only employee that can access the information system

The correct answer is: Only employee that can access the information system

**Question 7**

Correct

Mark 1.00 out of 1.00

Following process are conducted during JAD:

- (1) Design a JAD session
- (2) Select participants
- (3) Preparing for JAD sessions
- (4) Conducting a JAD session
- (5) Post-JAD Follow-up.

The best sequential order for a JAD is:

Select one:

- ☐ A. (1)-(2)-(3)-(4)-(5)
- ☒ B. (2)-(1)-(3)-(4)-(5) ✔
- ☐ C. (1)-(2)-(4)-(3)-(5)
- ☐ D. (2)-(1)-(4)-(3)-(5)
- ☐ E. (1)-(3)-(2)-(4)-(5)

The correct answer is: (2)-(1)-(3)-(4)-(5)

**Question 8**

Incorrect

Mark 0.00 out of 1.00

Which of the following statements is not true about requirements definition?

Select one:

- ☒ A. It is a straightforward text report that simply list the functional and nonfunctional requirements in an outline format to determine scope of the project ✖
- ☐ B. Business requirements are prioritized on the requirement definition and can be ranked as having high, medium, or low importance in the new system
- ☐ C. The requirement definition obvious purposes is providing the information needed by other deliverables in analysis process
- ☐ D. The most important purposes of requirement definitions is to calculate the approximate time spent to finish the projects
- ☐ E. Option A and B

The correct answer is: The most important purposes of requirement definitions is to calculate the approximate time spent to finish the projects

**Question 9**

Incorrect

Mark 0.00 out of 1.00

Requirement focuses on the "what" aspect of system and is usually written on behalf of the technical person. Requirement is known as a statement defining that the system must do and its characteristics.

Select one:

- ☒ True ✖
- ☐ False

The correct answer is 'False'.

**Question 10**

Incorrect

Mark 0.00 out of 1.00

What are the criterias used by system analyst to consider the type of requirement analysis strategies to identify the needs of new systems?

Select one:

- ☐ A. Potential business value
- ☐ B. Project cost
- ☒ C. Breadth of analysis ✖
- ☐ D. Risk
- ☐ E. Team member

The correct answer is: Team member

**Question 11**

Incorrect

Mark 0.00 out of 1.00

The business process analyses occur in three kinds of strategy: They help users critically examine the current state of systems and processes (the as-is system), identify exactly what needs to change, and develop a concept for a new system (the to-be system).

Select one:

- ☐ True
- ☒ False ✖

The correct answer is 'True'.

**Question 12**

Correct

Mark 1.00 out of 1.00

User involvement can have a significant cost, and not all users are willing to contribute valuable time and energy.

Select one:

- ☒ True ✔
- ☐ False

The correct answer is 'True'.

**Question 13**

Correct

Mark 1.00 out of 1.00

A questionnaire is used to obtain information from individuals consisting a set of written questions. It is commonly used as technique with systems intended for use in internal area of the organization.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

**Question 14**

Incorrect

Mark 0.00 out of 1.00

Requirement definition contains functional and nonfunctional business requirements that fit within the scope of the system and used to create other analysis deliverables and leads to the initial design for the new system.

Select one:

- ☐ True
- ☒ False ✗

The correct answer is 'True'.

**Question 15**

Correct

Mark 1.00 out of 1.00

Identifying the individuals to whom the questionnaire will be sent is the key issue in administering the questionnaire

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.


**Question 16**

Incorrect

Mark 0.00 out of 1.00

Categories of Nonfunctional requirement are operational, performance, security, and cultural & political. These categories are not usually used in design when decisions are made about the user interface, the hardware and software, and the system's underlying physical architecture.

Select one:

- ☒ True 
- ☐ False

The correct answer is 'False'.


**Question 17**

Correct

Mark 1.00 out of 1.00

Concept mapping is an educational psychology technique used to facilitate learning, understanding, and knowledge creation.

Select one:

- ☒ True 
- ☐ False

The correct answer is 'True'.


**Question 18**

Correct

Mark 1.00 out of 1.00

One of the following activities can be used for Business Process Improvement...

Select one:

- ☐ A. Duration analysis
- ☐ B. Activity based costing analysis
- ☐ C. Benchmarking
- ☐ D. Only option A & B
- ☒ E. Option A, B, & C 

The correct answer is: Option A, B, & C



**Question 19**

Correct

Mark 1.00 out of 1.00

One of requirement gathering techniques is interview. There are five basic steps in interview process (in sequential order): selecting interviewees, preparing for the interview, designing interview questions, conducting the interview, and post interview follow-up.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

**Question 20**

Correct

Mark 1.00 out of 1.00

We need to pay attention to Potential Business Value in order to select appropriate requirement analysis strategies (BPA, BPI, BPR). Which of the following statements is invalid about Potential Business Value considerations?

Select one:

- ☐ A. BPA has the potential to improve business and most BPA benefits are tactical and small
- ☐ B. BPI offers moderate potential benefits, depending upon the scope of the projects
- ☒ C. BPI does not seek to change the business process and can only improve efficiency ✓
- ☐ D. BPR creates large potential benefits because it seeks to radically improve the nature of the business
- ☐ E. Only option B & C are invalid

The correct answer is: BPI does not seek to change the business process and can only improve efficiency

**Question 21**

Correct

Mark 1.00 out of 1.00

Below are several tips for creating good questionnaire design, except?

Select one:

- ☐ A. Avoid biased or suggestive items or terms
- ☐ B. Provide anonymity to respondents
- ☐ C. Number questions to avoid confusion
- ☐ D. Pretest the questionnaire to identify confusing questions
- ☒ E. Using several abbreviations ✓

The correct answer is: Using several abbreviations

**Question 22**

Correct

Mark 1.00 out of 1.00

Which one of the following activities is not a popular Business Process Improvement analysis...

Select one:

- ☐ A. Duration analysis
- ☒ B. Stakeholder analysis ✓
- ☐ C. Benchmarking
- ☐ D. Only option A & B
- ☐ E. Option A, B, & C

The correct answer is: Stakeholder analysis

**Question 23**

Correct

Mark 1.00 out of 1.00

Which of the following statements is not correct about post-Interview follow-up?

Select one:

- ☐ A. Prepare interview notes
- ☒ B. Distribute someone's information without prior approval ✓
- ☐ C. Look for gaps and new questions
- ☐ D. Prepare interview report
- ☐ E. Option A, B, C, D is not correct statements

The correct answer is: Distribute someone's information without prior approval

**Question 24**

Correct

Mark 1.00 out of 1.00

Closed-ended questions, open-ended questions, and probing questions are three types on interview question

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

**Question 25**

Correct

Mark 1.00 out of 1.00

Functional requirements is information a system needs to contain and have to be related to a process in system. For example, "The system must have the ability to provide the sales trends insight of the company core products".

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.


**Question 26**

Incorrect

Mark 0.00 out of 1.00

To keep a low profile, to not interrupt those working, and to not influence those being observed are the main purpose of analyst becoming an anthropologist as he or she walks through the organization and observes the business system as it functions

Select one:

- ☐ True
- ☒ False 

The correct answer is 'True'.


**Question 27**

Correct

Mark 1.00 out of 1.00

Which of the following statements is correct about interview process?

Select one:

- ☐ A. The first step in interviewing is to create interview questions
- ☐ B. With the top-down interview, the interviewer starts with very specific questions and moves to broad questions
- ☒ C. Closed-ended are those that require a specific answer 
- ☐ D. All Interviews are conducted one-on-one
- ☐ E. All statements are correct

The correct answer is: Closed-ended are those that require a specific answer


**Question 28**

Correct

Mark 1.00 out of 1.00

An interviewer should ask questions about information that is readily available from other sources.

Select one:

- ☐ True
- ☒ False 

The correct answer is 'False'.

**Question 29**

Correct

Mark 1.00 out of 1.00

Which category is not included in a nonfunctional requirement?

Select one:

- ☐ A. Security | Customers can only see their own order history only during business hours
- ☐ B. Cultural & Political | The system should be able to distinguish between United States and Zimbabwean dollar currency
- ☒ C. Performance | The system shall comply with insurance industry standards ✓
- ☐ D. Operational | The system should be able to work in Internet Explorer 11 Web Browser
- ☐ E. Performance | The system should receive updated inventory information every 15 minutes

The correct answer is: Performance | The system shall comply with insurance industry standards

**Question 30**

Correct

Mark 1.00 out of 1.00

Changes in the way organization operates in order to take advantage of new opportunities by technology or to copy what the competitors are doing could be triggered by Business Process Improvement (BPI). Those who plan BPI projects spent most of the time understanding the as-is system. On the other hand, BPA projects spend most of the time on the to-be system.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

**Question 31**

Incorrect

Mark 0.00 out of 1.00

Which of these technique considered as the popular BPA technique?

Select one:

- ☐ A. Duration Analysis & Risk Analysis
- ☐ B. Informal Benchmarking & Root Cause Analysis
- ☒ C. Problem Analysis & Risk Analysis ✖
- ☐ D. Root Cause Analysis & Duration Analysis
- ☐ E. Informal Benchmarking & Activity-Based Costing

The correct answer is: Root Cause Analysis & Duration Analysis

**Question 32**

Incorrect

Mark 0.00 out of 1.00

Each participant may send anonymous ideas and opinions to everyone else in an e-JAD meeting room

Select one:

- ☐ True
- ☒ False ✖

The correct answer is 'True'.

**Question 33**

Incorrect

Mark 0.00 out of 1.00

Questionnaire and document analysis have lower cost than other techniques but they need higher user involvement during process.

Select one:

- ☒ True ✖
- ☐ False

The correct answer is 'False'.

**Question 34**

Correct

Mark 1.00 out of 1.00

Problem analysis requires the users and managers to identify problems in the as-is system and to describe how to solve those problems in the to-be system.

Select one:

- ☒ True ✓
- ☐ False

The correct answer is 'True'.

**Question 35**

Correct

Mark 1.00 out of 1.00

Different stakeholders use requirement specification document for different purposes. Which of the following purposes is not the purpose of requirement specification document for specific role?

Select one:

- ☐ A. Customer - part of formal contract
- ☒ B. Maintainer - basis for the project plan ✓
- ☐ C. Developer - basis for the design and implementation
- ☐ D. Tester - document to test the system against
- ☐ E. All statements are invalid

The correct answer is: Maintainer - basis for the project plan

**Question 36**

Incorrect

Mark 0.00 out of 1.00

Which requirement gathering technique that has high integration of information?

Select one:

- ☐ A. Interview
- ☒ B. Document analysis ✖
- ☐ C. JAD
- ☐ D. Questionnaire
- ☐ E. Observation

The correct answer is: JAD

**Question 37**

Incorrect

Mark 0.00 out of 1.00

Turning the very low-level explanation of the business requirements stated in the system request into a list of requirements that can be viewed as outputs of the analysis is the objective of requirements determination

Select one:

- ☒ True ✖
- ☐ False

The correct answer is 'False'.

**Question 38**

Incorrect

Mark 0.00 out of 1.00

The executive summary is usually more than a single page long and provides all critical information in a very concise form.

Select one:

- ☒ True ✖
- ☐ False

The correct answer is 'False'.



**Question 39**

Incorrect

Mark 0.00 out of 1.00

Below are the requirement gathering techniques that have low user involvement, except...

Select one:

- ☒ A. JAD ✖
- ☐ B. Observation
- ☐ C. Document analysis
- ☐ D. Interviews
- ☐ E. Option A & B are true

The correct answer is: Option A & B are true

**Question 40**

Correct

Mark 1.00 out of 1.00

The interviewer starts with specific questions and and gradually works toward board ones or general issue, is the process of top-down interview

Select one:

- ☐ True
- ☒ False ✔

The correct answer is 'False'.

**Question 41**

Incorrect

Mark 0.00 out of 1.00

Which of the following statements is true about Business Process Automation (BPA)?

Select one:

- ☐ A. Usually offers moderate potential benefits, depending upon the scope of the projects
- ☒ B. Has the lowest cost because it has the narrowest focus and seeks to make fewest change ✖
- ☐ C. Typically examines a single process
- ☐ D. Option B & C are correct
- ☐ E. Option A & B are correct

The correct answer is: Option B & C are correct

**Question 42**

Incorrect

Mark 0.00 out of 1.00

We use activity elimination to understand the fundamental outcomes that provide value to customers. System analysts encourage the managers and project sponsor to pretend they are customers and to think thoughtfully about what the organization's products and services enable the customers to do—and what they could enable the customer to do.

Select one:

- ☒ True ✖
- ☐ False

The correct answer is 'False'.


**Question 43**

Incorrect

Mark 0.00 out of 1.00

JAD is an information-gathering technique that allows the project team, users, and management to work together to identify requirements for the system. This is a structured process in which ten to twenty users meet together under the direction of a facilitator skilled in JAD techniques.

Select one:

- ☐ True
- ☒ False 

The correct answer is 'True'.


**Question 44**

Correct

Mark 1.00 out of 1.00

Which process in requirements determination can not be used as the inputs to the rest of analysis process?

Select one:

- ☐ A. Behavioral models
- ☒ B. Computational models 
- ☐ C. Structural models
- ☐ D. Functional models
- ☐ E. Option A & B

The correct answer is: Computational models

**Question 45**

Correct

Mark 1.00 out of 1.00

It requires reviewing the documentation and examining the system itself in document analysis, but can not provide insights into the formal and informal system.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.