

Assignment Questions - 84 Questions

84 Questions - answer them on Paper - 10 Hrs. time - 4 days complete. Take pics and submit softcopy - on every page - write student name in a box at a random place.

- 1.1. Who is a Business Analyst?
- 1.2. What are the responsibilities of a BA?
- 1.3. How a BA contributes in Project
- 1.4. What is a Requirement? How many types of Requirements are there?
- 1.5. Who is a Stakeholder? How many types of Stakeholders are there?
- 1.6. What is Business Process Model?
- 1.7. Give BA Completeness Skill Areas.
- 1.8. Types of IT Companies
- 1.9. How an IT Company gets a Project
- 1.10. % Of BA in Project Team Size and Project Duration
- 1.11. Metrics for project
- 1.12. Describe various Project Types
- 1.13. Reasons for project failure
- 1.14. In Audits, what a BA will be inspected?
- 1.15. Documents Naming Standards? Why to follow?
- 1.16. Explain 5W1H
- 1.17. Explain Risk
- 1.18. Discuss Thumb rules of a BA
- 1.19. Explain Dos and Don'ts as a BA

- 2.1. What are the various SDLC Methodologies you are aware of?
- 2.2. Explain Waterfall Model
- 2.3. What is the difference between Developer n Programmer?
- 2.4. Application Design Document n Solution Document
- 2.5. Explain V Model
- 2.6. Explain various Servers, you know, about IT...
- 2.7. Explain RUP
- 2.8. Explain Spiral
- 2.9. Discuss Agile Manifesto
- 2.10. Explain Scrum
 - a. Scrum Team
 - b. Meetings
 - c. User Story components
 - d. Product Backlog - Sprint Backlog
 - e. Product Burndown- Sprint burndown
- 2.11. Consider e-cart Project,
 - a. what are the 6 features proposed?
 - b. who are the users of the project?
 - c. Write 100 User stories,
 - d. write Acceptance Criteria for these user stories.
 - e. Explain the Technique of estimating BV- Business Value from the Business Owner perspective
 - f. Explain the technique of estimating CP - Complexity Points from the Scrum Developer Perspective
 - g. What is velocity of the scrum team
 - h. What questions are asked in daily scrum meetings

- i. What is product vision
- j. What is product grooming

2.12. Is there any chance that a company follows Agile and still you will find BRD, SRS documents... explain your understanding?

3.1. Explain components of IT application

3.2. What are the basic parts involved in achieving a functionality in an IT application?

3.3. Explain your awareness on Databases, tables, ER diagrams

3.4. Explain the Components of an IT Application

3.5. Explain about Database Design

3.6. Write about Data Mapping, APIs, Copy Books, Camel casing.

3.7. Explain the following

- a. Object
- b. Class
- c. Component
- d. Package
- e. Sub-systems

3.8. Discuss on

- a. Abstraction, Perito Principle, MVP, Gold Plating
- b. Encapsulation
- c. Inheritance
- d. Polymorphism

3.9. Explain about Relationships

3.10. What is Hardcoding and Soft Coding? What importance Classes have in Code.

3.11. How Classes communicate with each other?

4.1. Describe about Dynamic and Static UML Diagrams?

4.2. Explain about Use Case Diagram.

4.3. Discuss on

- a. Primary Actor
- b. Secondary Actor
- c. System Boundary
- d. Essential Use Case
- e. Supporting Use Case
- f. Generalization
- g. Include
- h. Extend
- i. Automation

4.4. Explain Guidelines for drawing a use case Diagram from a Case Study

4.5. Explain Use Case Spec.

4.6. Write a Use Case Spec for withdrawal of cash from ATM machine

5.1. What is your understanding about architecture?

5.2. Describe 3 Tier Architecture

5.3. Explain MVC Architecture.

5.4. What are MVC Rules to identify Classes from Use cases

5.5. What Guidelines we follow to placed identified Classes in 3 Tier Architecture

5.6. Draw a sample Sequence Diagram and identify its Components

5.7. Explain Domain Model

5.8. Discuss about

- a. Conceptual model,
- b. data model,
- c. data flow diagram ...

6.1. What is an Activity Diagram

6.2. What is the difference between Activity Diagram and a Flow Chart?

6.3. What are the Drawing elements of Activity Diagrams?

6.4. What is the Approach to draw an Activity Diagram from a Case Study and identify its Components?

6.5. Please practice activity diagrams discussed in sessions at least 5 times.

6.6. Eight case studies are given in page 124 of study material. Please draw activity diagrams

6.7. Explain Activity Diagram with swim lanes

6.8. What are the important points we need understand about an Activity Diagram?

7.1. Explain about ILS approach in stakeholder analysis

7.2. Explain about RACI matrix of Stakeholder Analysis

7.3. Discuss about IIBA institute

7.4. How IIBA defined Business Analysis and Business Analyst

7.5. Explain the FIVE perspectives of Business Analysis as per IIBA...

7.6. Explain what a BA does in Requirements Gathering stage

7.7. Discuss on following

- a. Brainstorming
- b. Document Analysis
- c. Reverse Engineering
- d. Focus Groups
- e. Observations
- f. JAD
- g. Workshops
- h. Prototyping
- i. Questionnaire

7.8. How do you prioritize Requirements

7.9. How do you Validate Requirements?

7.10. Explain Smartness of the requirements

7.11. ABC UNIVERSITY

Come up with page designs for student professor and Dean.

7.12. Write 30 Questions , so that you can ask Dean of ABC University and mention how much percent of Information, you could gather from these 30 questions

7.13. Explain Smartness of a Requirement.

7.14. What points you should keep in your mind, before you ask any questions to your Stakeholders...

7.15. When you can consider that you have asked the right question to the stakeholder.

8.1. Explain Enterprise Analysis

8.2. Discuss on following

- a. Analysis
- b. SWOT Analysis

- c. GAP Analysis
 - d. Feasibility Study
 - e. Root Cause Analysis
 - f. Decision Analysis
 - g. Strategy Analysis
 - h. Enterprise Architectural Frameworks
 - i. Scope
 - j. Business Case
- 8.3. Explain Role of BA in handling Change Request
- 8.4. Explain Role of BA contributions in traditional Project
- 8.5. Enterprise Analysis is now known as Strategy Analysis and have become a daily Activity for a BA - Explain this statement

(TOTAL - 84 Questions)

Please write your Name randomly on the page first and then start writing your answers for these Questions.

Your Name

Your Name