

SE INTERNALs - Student's Particulars

Total points 9/10 ?

0 of 0 points

Select your PRN & Name CAREFULLY *

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SE Internal - MCQ Section

9 of 10 points

✓ Identify a technique used to resolve build errors in a timely manner and improves efficiency? * 1/1

- ☐ Automated Unit Testing
- ☒ Continuous Integration
- ☐ Functional Testing
- ☐ Build Error Reporting



✓ Which of the following is not a functional requirement? * 1/1

- ☐ A customer shall view the availability of books
- ☐ The receptionist shall be able to process the return of one or more books by a customer
- ☒ A registered user will be able to login to the system through 2-factor authentication (1) username/password and 2) OTP on registered mobile number ✓
- ☐ Customers can avail membership for 6 months, or 1 year.

✓ Which of the following is not part of Agile principles? * 1/1

- ☐ Early and continuous delivery of working software at a sustainable pace and customer collaboration,
- ☐ Motivated and self-organizing teams that reflect at regular intervals to learn and improve their ways of working
- ☐ Simplicity and technical excellence
- ☒ Delivering software four times in a year at regular intervals ✓

✓ Software Requirements Specification (SRS) document is created in which phase of waterfall software development lifecycle? * 1/1

- ☐ Design Phase



- ☐ Coding Phase
- ☒ Requirement Analysis Phase
- ☐ Testing Phase



✓ Which of the following is not an advantage of spiral model? *

1/1

- ☐ Software is demonstrated at the end of each pass
- ☐ Risks are identified and analyzed at an early stage
- ☐ Prototyping enhances customer feedback
- ☒ Very easy to implement in projects



✓ Object Oriented Analysis and Design involves *

1/1

- ☐ Starting with ER diagram to identify classes and objects
- ☒ Understanding the context and problem domain in order to identify actors and use cases
- ☐ A strong mathematical foundation to arrive at analysis or design models
- ☐ Structured analysis for a top-down approach



✓ SRS document consists of *

1/1

- ☐ Project introduction, scope, target audience and functional requirements
- ☐ External interface requirements and non-functional requirements
- ☐ Analysis models and glossary



☒ All of the above



✗ Which of the following is false? *

0/1

- ☒ A class can provide access on its attributes to other classes using methods ✗
- ☐ A method inherited from a super class can have a different behavior in a sub-class
- ☐ An object instantiated can correspond to more than one class
- ☐ Inheritance enables extensibility

✓ Which of the following do you start creating at the beginning of data modeling? * 1/1

- ☒ ER Diagram ✓
- ☐ Database Table Structure
- ☐ Control Flow Diagram
- ☐ State Transition Diagram

✓ Which of the following is true about software engineering? * 1/1

- ☐ Software engineering is an engineering discipline that is concerned with the aspects of the internet.
- ☐ Software engineering is exclusively about writing object-oriented programs
- ☒ A subject area that includes the fundamental ideas, concepts, process models ✓





and best practices that are applicable to all types of software systems



All of the above

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