ASSIGNMENT 1

(1) What are the 4Pk in software Engineering?

Four l's are: People

Process

Project.

People: I dentifying the roles people play in almost any given project as the first step to a successful project. People are the primary resource on every project and a west-managed team can greatly increase the chance for success. Some of the different roles people play in project management includes project management includes project manager, project team members, sponsers, stakeholders, business analysts, and information technology developers.

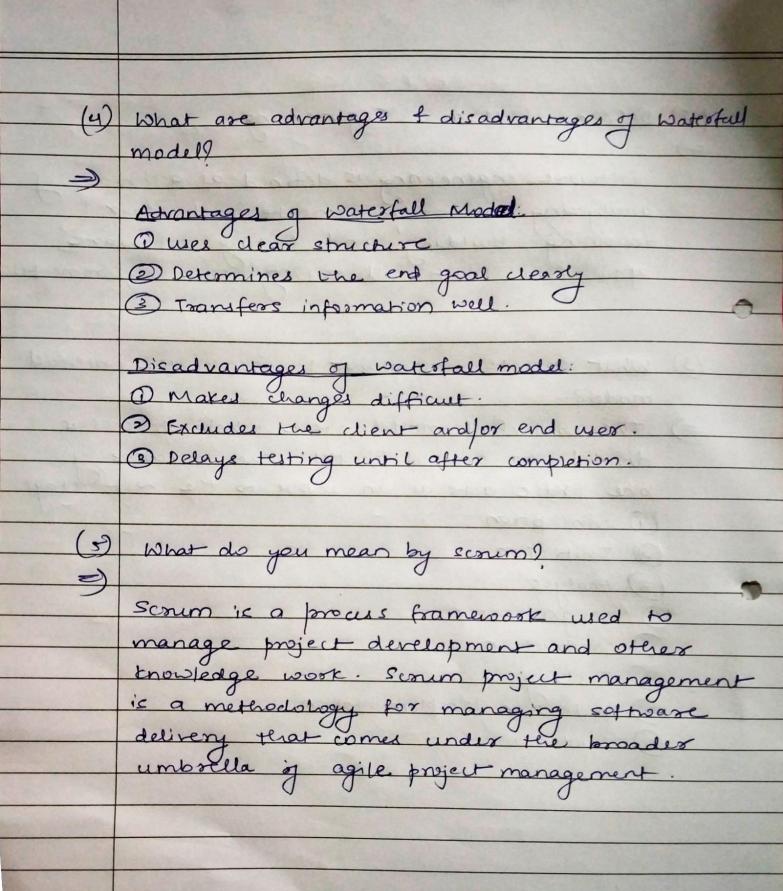
Product: As the name implies, this is the delivera-ble of the project. The project manager should define the product scope to ensure a successful outcome, control "scope creep", as well as technical hurdles that he or she may encounter.

Process: The teird? of project management is frozess. Project managers and teams members should have a methodology and plan that outlines tereir approach. Without a clearly defined process, team members will not know what to do and whose to carry out project activities. However, this problem can be avoided terrough comprehensive early stage process planning.

Project: The forth and final P of project.

This is where the project manager's roles and responsibilities come into play. He or she must guide team members to achieve the project's goals and objectives. The project manager must delegate tasks, help team members when needed and ultimately strive to accomplish all requirements set forth in the project suppose.

(2)	Define
=	Define satheare Engineering.
	Software and
	analyzina was a defined as a proces of
	designing milding and their
	Software engineering is defined at a procus of analyzing wer requirements and their designing, building and testing software application which will satisfy their requirements
-	their requirements
(3)	what are the important phases in the waterfull model?
	model 9
=)	The paterfall model the whole tours
	one phase acte as an input to the next exage. O conception
	one phase acte as an input to the next lesso.
	(a) Initiation
7	(3) Analysis
(3) perign
	2) construction
- James	(E) Testing
	6) Production Templementation (6) Maintenance.
	(6) Maintenance.
	the purpose of the second



(6)	What are the roles and responsibilities of scorum
	master and product owners
=)	
	Scrum Marter Poles & Responsibilities:
	1 Implement Project Management/Best Practice.
	@ keep all Parties on Track and Informed.
•	1 Introduce Agile Engineering Practices.
	Product owener Poles:
	O Defining the vision
	@ Managing the product backlog.
	3 Prioritizing needs.
	4) Overseeing development stages.
	@ Anticipating client need.
	@ Acting as primary liaison.
•	D'Evaluating product progress at each iteration.
(7)	What is pair programming?
=)	100.
	Pair Programming is an agile software
	development technique in which two progoa-
	-mmers work rogereer at once one work-
	_station.

(e) -)	what are the phases in Devops?
	Phases of Devolps are as followed: O continuous Perelopment.
No.	(2) continuous Integration.
	(a) Continuous Testing. (a) Continuous Monttoning
	1 Continuous feedback
	D'Continuous operations.
Maries	
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