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USN 1BG21IS001

EXAM EVENT CIA-I

SUBJECT NAME Software Project Management & Finance

EXAM DATE 28/12/2023 (11:00 AM - 12:30 PM)

COURSE TITLE ISE

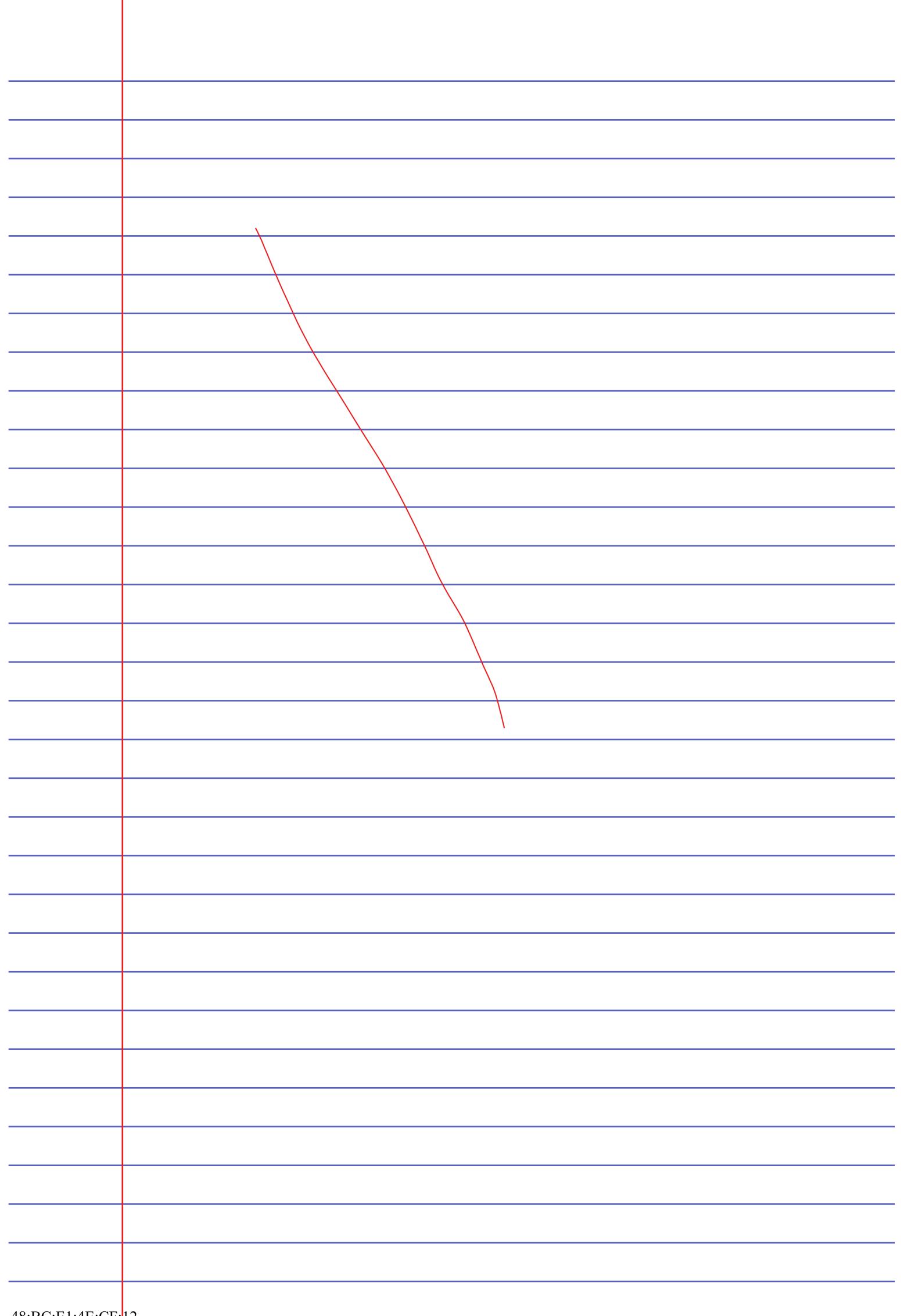
COURSE CODE 21ISE151

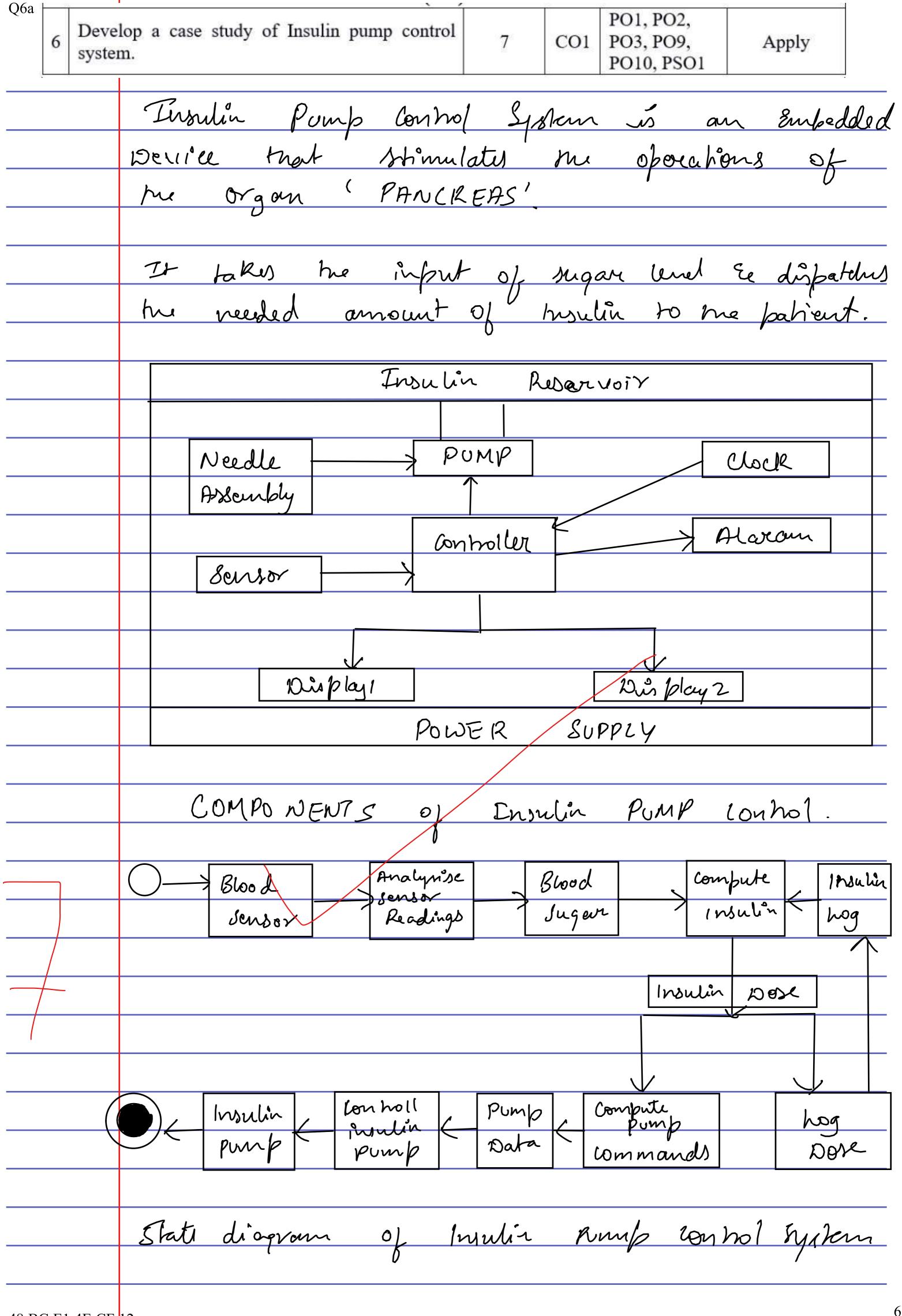
YEAR/SEM V

1 1 1	ne Software Engineering? Explain Software reering code of Ethics. 7 CO1 PO1, PO2, PO3, PO9, PO10, PS01 Understand
	Software engineering is an discipline that is concerned with all the aspects of software production.
	Engineers find the solution for a problem by wring theories, methods re took which are under the worsh hithoral re financial
	Software agnering also deals with project wanagement & development of methods & bols methods & bols
	CODE OF ETHICS: An Potware engineer has supportibilities that go beyond the application of technical skills, they must follow a set of morally correct principles and work with honorary to gain outpeet
	Confidentiality of Engineer should respect the confidentiality of the employer or Client irrespective of whether a formal confidentiality agreement has been tigred or not
48:BC:E1:4E:CF	Competence: Engineer should not irrepresent his I her could of competence. They should not knowlingly take up work mat is outside the level of hier competence.

ー>	Intellectual Proporty Rights o Engineer must be aware of the local laws that governs
	aware of he local laws that governs
	me intellectual property such as Latents
	or copy rights. Engineer must be careful E
	Of the Employer or the Client.
	of the Employer or the client.
	Computer Risk i arginer must not use his technical skolls to misuse a somebody else's computer. This suik might be trivial (playing games)
	skolls to misuse a somebody else's computer.
	This ourk might be trivial (playing gomes)
	to very servious (dissemination of visus or
	mal wave).

1	Detormine Objective le Scope : The particulair
	Objectives le scope por mot phase is
	Objectives le scope for mot phase is identifiéed. These are analysed in débail
	to get me system requirements. The constraints
	for me process le project and identified, project
	rusks are identified and alternatines are
	planned for me visks i denho fied
2	Assessment of he Risk: The identified project
	risks are analysed in debail and steps
	au faken no sudue me suisk. For
	En comple here is a suit of suguirements
	of system not being appropriate a proboble
	of system not being appropriate, a probotype is developed for mot suguirement.
3)	Development of he dystern: After the riol2 evaluating phase, a new system development
	evaluating bhase, a new system development
	model is choosen for he system
4)	Planning o After development of me model, me
	project is received se descinon is recken ho
	continue or not. If the descinon is to
	conhonne me project mon hu neut loop phose
	well be planned out.





	The way Insulin Pump Control Tystem works
	by implanting a microssensor in the
	The way Insulin Pump Control System works is by implanting a micros sensor in a partient. This sensor collects data of blood and sends he data to me romboller.
	The Conholler computer me sugar level in me patients body
	After the Sugar level is computed the required amount of insulin for that particular patient is calculated.
	Parious Son Contractor
	The conholler than sends he signal to me
	miniature insulin pump which dispatches me correct calculated onwount of insulin
	This is covoried no me pahents body mongh a attached needle assembly that connects me pump re me patients body.
	me pump re me patients body.
	The Absolute Requirements:
<u> </u>	The device must be always available & working
)	It must be reliable & should give me correct amount of houlin.
	correct amount of hundin.

Q8a 8 Sumi Mode	marize the phases of Rational Unified Process 8 CO2 PO1, PO2, PO3, PO9, Understand PO10, PSO1
Mode	Rapional Unified Process (RUP) is a modern process model that is derined from the work based on une & Associated Unified before maneyment process. RUP is a phased model which describes 4 phases is
	Incephion El aboration Construction Transition Ohase iteration
	Inception: Plaboration Construction Transition Inception: This phase is to develop a business Case for the system. To i'dentify all his Entitions entorned cutities (system se people) that well interact with the system, and i'dentify their futoractions. This Information will be to assess the contribution of the system to the Russness. If he contribution is minor then the next phase of me project well be concelled.

2)	Elaboration: This phase coursts of understanding
	tre problem, building a architectural
	the problem, building a vichiteehvral hetwork, planning and identifying rustly After this phen me suguirements of he system will be ready
	After trûs phens me suguirements of hu
	system nill be ready
	J
3	Construction: This phase includes system design, programming and Testing. The faits are made in parallel and fixed. After
	derign, programming and Testing. The faits
	are made in parallel and fisted. After
	tuis phase a working Sophyseu system along
	this phase a working Sophysen system along with associated documents must be veady to
	deliver to me yers.
4)	Fransition: This is the process of taking her system from development community to the
	system from development community to he
	user Community and make sever is works
	ju real Environment. This is a Enformère
	Ee sometimes déférent process. After mis phase
	a documented sophare system must be working
	correctly in me operational currinonment
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