<u> </u>		BCT Question
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	912	Desine Smart (ontract:
	(3	A smart contract is a self execution
,		
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2		
		transactions blu amonymous parties.
		1 41 1
	02)	What are the characteristics & the benifits of smart
	=>	Smoot contracts have several benefits & characteristic
		which make it a very powerfull tool.
	# (4)	Benefits:
		esticiency: smoot contracts automate processes which
_		removes reeds of intermediatores.
	2.	Cost saving: Since it removes forter mediatos, it leads
_		to reduces costs as brokerage or similar costs are cut.
	3.	Speed: Smart contracts can speed up processes which
	1	traditionally required manual effort of Intermediate
4	4 .	Foust & Transparsency: Smart contracts deployed on
	1	block chain provide transactions are recorded. 2.
		can be audited, this created toust that they are
		legitimate as blockchain data is immutable.
	#	characteristics:
	1.	Automation: Smart contracts automate task by reducing
		manual. human intervention.
	2 0 ·	Execution In Blockchain:

Q3. Explain working of Smart Contracts with example. to understand working of smart contract let's consider a simple eg. below: let's say Alice wents to buy a digital attwork from Bob using smoot contract 1) Greation of SC: Alice & Bob agree on terms of transaction, suchas proce est artwork & conditions for transaction & stortup. The Smort contract Includes - Alice's wallest (2) -Bob's wallet @ - the proce of assnork - conditions for fund release. 1 Fording of Smart Contact: Alice sends. The agreed upon payment to the Smart Contact . (8). The funds are held as within contract contil conditions are not 1 Execution of contract: The Smoot contractins deployed on Ethereum. BC I be comes point of decentralized computing 4) Confermation & triggen.

re.

Alive receives a digited work from Bob & continue its occipt by Intersecting with smort contract through own wallet via Dopp (Decentralised App)

Anistres & foors parent services.

