	(3 Hou	rs)	Total Marks: 80
INSTRUCTIONS			
(1) Question No. 1 is compuls	sory.		
(2) Attempt any (3) from rem		s.	
(3) Assume suitable data if re	_		
(4) Figures to the right indica	te full marks.		
Q1 Attempt any four (4) ques	stions.		
a) Explain different types	of Blockchain. Giv	ve example of each.	S S [5]
b) What is Smart Contract	t? Explain different	t types of Smart Contracts.	[5]
c) Explain the concept of	Ethereum Virtual N	Machine with suitable diagra	m? [5]
d) With suitable diagram	explain how transa	ction flow occurs in Hyperle	edger fabric? [5]
e) What are different type	s of test-networks	used in Ethereum?	[5]
200			
Q2 a) Explain the phases of d	levelopment in ETI	H 2.0 with suitable diagram.	[10]
b) What are different step	s involved in the in	nplementation of Blockchair	n? [10]
Q3 a) Explain Bitcoin UTXO	with suitable exan	nple.	[10]
b) Explain the RAFT cons			[10]
Q4 a) Explain Ethereum Acco	ounts in detail.		[10]
b) How does Blockchain		inding?	[10]
	(3)		
Q5 a) What is Hyperledger Fa	abric? What are dif	ferent components of Hyper	eledger Fabric? [10]
		e structure of Quorum Node	
diagram.			[10]
Q6 Write a short note on :			[20]
a) MetaMask			
b) Mist Wallet			
c) Ripple Blockchain.		Die To	
d) Byzantine Fault Tolerar	nt S		
N. 32, 32,			
	27		