Sanjay Ghodawat University, Kolhapur

2020-21

Established as State Private University under Govt. of Maharashtra. Act No XL, 2017

EXM/P/09/00

Year and Program: Final Year B.Tech.	**School of Technology**	**Department: Computer Science & Engineering**
Course Code: CST4134	**Course Title: Blockchain Technologies (PV-III)**	**Semester: VII**
Day: Saturday **Date: 26/12/2020**	**End Semester Examination**	**Time:2 Hrs.** **Max Marks:50**

Instructions: 1) All Questions are compulsory.
2) Draw neat diagrams whenever necessary

		Marks	Bloom's Level	CO
Q.1	**Answer the following (any two)**–			
a)	What are the types of blockchain based on transfer capabilities and access capabilities? Explain with example.	8	L1	CO3
b)	Explain digital token. State different types of digital tokens.	8	L2	CO4
c)	Explain bitcoin wallet mining.	8	L2	CO3
Q.2	**Answer the following (any two)** –			
a)	What is truffle suit? Explain sub folders in it.	8	L1	CO1
b)	Make use of hyperledger in healthcare sector.	8	L3	CO2
c)	Compare hyperledger explorer tool with other tools andstate its key features.	8	L4	CO1
Q.3	**Answer the following (any two)** –			
a)	Analyze merkle tree and explain PoW consensus working.	9	L4	CO3
b)	Identify the gas usage in any cryptocurrencies like bitcoin.	9	L3	CO3
c)	Explain Dark theme screen, Block list, Block details window and Filter result features of hyperledger explorer. What are different membership benefits of hyperledger?	9	L2	CO1

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