

JK Lakshmipat University Jaipur

INSTITUTE OF ENGINEERING AND TECHNOLOGY

End Term Examination, December, 2022
Bachelor in Technology (B.Tech-CSE), Semester -VII

Roll No.....

Course Code : Blockchain Technology & Applications (CS-1203)

Time: 2 hours

Max. Marks: 30

Instructions to students:

- Do not write anything other than your roll number on question paper.

Q.1 A	Consider, for example, a simple wallet application client, and the Bitcoin blockchain de-centralized infrastructure. With the help of DApp stack and DApp architecture explain how this application will be created.	05 (LO 3,5)
Q.1 B	Draw a flow chart to determine whether a blockchain is the appropriate technical solution to solve a problem.	05 (LO 5)
Q.2A	The roadmap and future of Ethereum is in five terms:- Merge, Purge, Surge, Verge and Splurge. Explain the following terms with examples.	05 (LO 2)
Q.2B	Where are the creators selling their NFTs? What can you sell as NFT ? explain with the help of suitable example.	05 (LO 1,5)
Q.3 A	Take a reference of figure 1,2,3 explain how ledger is updated in hyper - ledger .	05 (LO 4)

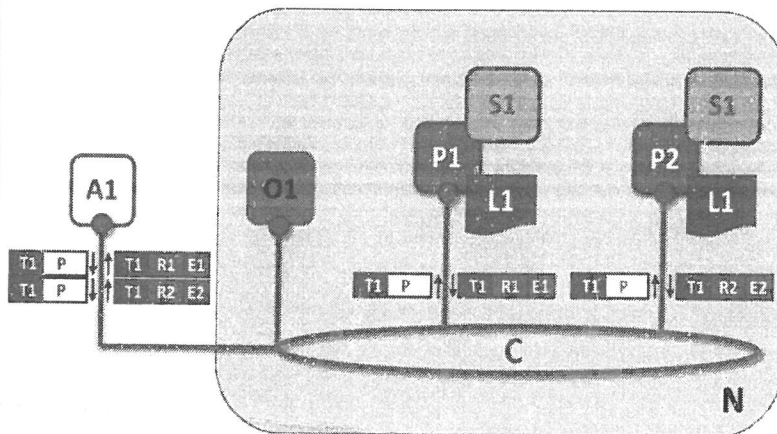


Figure -1

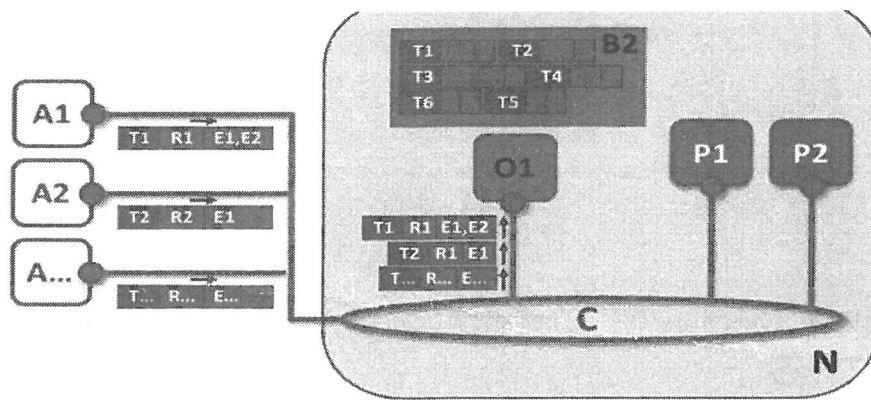


Figure-2

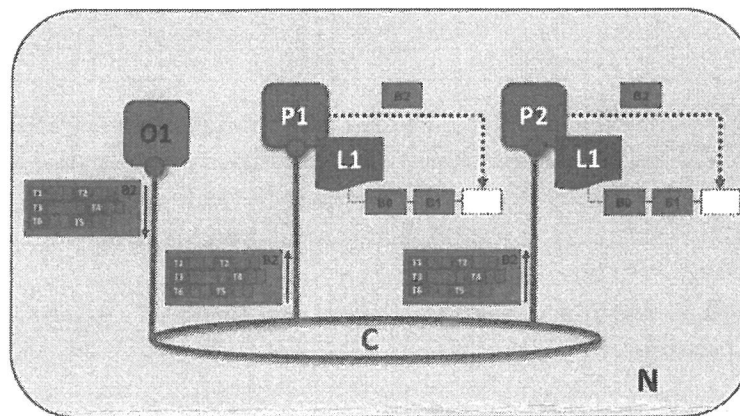


Figure -3

Q 3 B

Know Your Customer (KYC) is the process by which a financial institution gathers information about a customer. The main purpose of this process is to ensure that institutions' services are not misused, and this process takes place when a customer opens an account. The process varies because each financial institution is responsible for being in compliance with the requirements laid out and specified by their local regulatory body. The process typically requires the passing of documents back and forth between the customer and financial institution. There is very little automation; financial institutions dedicate a huge amount of resources to the process, but it is still very time consuming. These delays are frustrating for a customer who wants to use the institution's services immediately. So how does blockchain technology help here?

5
(LO
2,4,5)