



VII SEM - SCSA4007-Design and Development of Block chain

Assignment 1

Fill in the Blanks:

- 1) Blockchain is a peer-to-peer _____ distributed ledger technology that makes the records of any digital asset transparent and unchangeable
- 2) P2P stands for _____
- 3) Blockchain has _____ versions.
- 4) A blockchain is a type of _____
- 5) Public blockchain can be used to construct a completely open blockchain_____

2 Marks:

- 1) List the different types of Blockchains.
- 2) Why is Blockchain a trusted approach?
- 3) Blockchain is a distributed database. How does it differ from traditional databases?
- 4) Is it possible to modify the data once it is written in a block?Justify
- 5) State difference between proof-of-work & proof-of-stake.

5 Mark:

- 1)Illustrate Crypto Economics model with diagram.

Instructions:

- 1) Use A4 sheets for writing your assignments
- 2) Scan and send your assignment in any format preferably pdf and upload correct document
- 3) Save your assignment in file name(Register Number_Name)eg: (40110018_AARUSH)
- 4) For fill ups just write the answer alone