

**M.E.S WADIA COLLEGE OF ENGINEERING,PUNE-411001**

**Department of Computer Engineering**

Assignment – I (2019 PAT)

A.Y(2025-26)

Sem-I

Class:BE

**Subject: Blockchain Technology**

Date:

[Max. Marks 20 ]

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Q.1) Enlist features of Ethereum.Compare Ethereum Mainnet, Testnet and Private Networks.

Q.2) Define smart contracts with an example of a real-world scenario which will evaluate its benefits. Discuss the role of gas in the Ethereum network and its significance in smart contract execution.

Q.3) List Decentralized Messaging Platform. Discuss Whisper and its purpose in the Ethereum ecosystem.

Q.4) Discuss in brief two types of smart contracts commonly used on the Ethereum platform. Elaborate the basic steps involved in deploying a smart contract on the Ethereum block chain.

-----BEST OF LUCK-----