Modbus:

A standard communication protocol used in industry, developed by Modicon Inc (Schneider Electric).

* It uses TCP/IP & Ethernet for data transmission between two compatible devices.
* The communicating system includes several devices:

1. Client-Server devices linked to a TCP/IP network
2. Interlinked devices – bridge or router or gateway
3. Serial line sub-network to grant links between client-server

* It is a connection-oriented protocol following the Client-Server
* architecture.
*  Masters are the clients, whereas slaves are denoted as servers.
*  The protocol supports up to 10 active connections/sockets at one
* time.
* This protocol primarily uses an RS-232 or RS-485 serial interfaces for communications and is supported by almost every commercial SCADA, HMI, OPC Server and data acquisition software program in the marketplace.