GOVERNMENT POLYTECHNIC, MUMBAI
Department of Information Technology

TEST : 1

Course Name: Network and Information Security

Prog : Diploma in Information Technology

ODD TERM : 2024-25

Course code: IT23114

Marks : 20

Qu 1 Attempt the following   6 M

a) Define Access Control.   CO1/U

b Define ARP   CO1/R

c) Define Shoulder Surfing.   CO2/U

d) Define a Switch and a Router.   CO1/R

Qu 2 Attempt the following   8 M

a) Define Information? Explain the importance of information.   CO1/U

OR

a) Define Security? State the need for security and explain the basic principles of Information   CO1/U

b) Explain Identification and Authentication methods.   CO2/U

OR

b) Explain Biometric methods of identification.   CO2/A

Qu 3 Attempt any TWO out of the following   6 M

a) Define Trapdoors and Backdoors. Explain MITM (Man-In-The-Middle Attack).   CO1/U

b) Explain DoS and DDoS attacks in brief.   CO2/A

C) Explain DHCP and the DORA process.   CO1/A