1)ACK

```
nmap-sA-T4 scanme.nmap.org

Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-26 11:55 India Standard Time
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.33s latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f
Not shown: 996 closed tcp ports (reset)
PORT       STATE SERVICE
22/tcp     open  ssh
80/tcp     open  http
9929/tcp   open  nping-echo
31337/tcp  open  Elite

Nmap done: 1 IP address (1 host up) scanned in 25.98 seconds
```

2)SYN

```
nmap -p 22,113,139 scanme.nmap.org

Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-26 11:57 India Standard Time
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.13s latency).
Other addresses for scanme.nmap.org (not scanned): 2600:3c01::f03c:91ff:fe18:bb2f

PORT       STATE  SERVICE
22/tcp     open   ssh
113/tcp    closed ident
139/tcp    closed netbios-ssn

Nmap done: 1 IP address (1 host up) scanned in 14.44 seconds
```

3)NULL

```
nmap -sN -p 22 scanme.nmap.org

Starting Nmap 7.93 ( https://nmap.org ) at 2022-09-27 09:05 India Standard Time
Nmap scan report for scanme.nmap.org (45.33.32.156)
Host is up (0.011s latency).

PORT    STATE          SERVICE
22/tcp open|filtered ssh

Nmap done: 1 IP address (1 host up) scanned in 3.15 seconds
```