Pc - generic

switch - generic

Router - generic

First - PC

Pc - 1

Pc - desktop - ip configuration

| Ip address | Subnet mask | Default gateway |
| --- | --- | --- |
| 192.168.1.2 | auto | 10.20.1.1 |

Pc - 2

Pc - desktop - ip configuration

| Ip address | Subnet mask | Default gateway |
| --- | --- | --- |
| 192.168.1.3 | auto | 10.20.1.1 |

Pc - 3

Pc - desktop - ip configuration

| Ip address | Subnet mask | Default gateway |
| --- | --- | --- |
| 192.168.5.2 | auto | 10.20.1.2 |

Pc - 4

Pc - desktop - ip configuration

| Ip address | Subnet mask | Default gateway |
| --- | --- | --- |
| 192.168.5.3 | auto | 10.20.1.2 |

2nd Router

Router - 1

Router - config - interface f0/0

Port address on - ip address - submask

Same as default gateway 10.20.1.1

Router - 2

Router - config - interface f0/0

Port address on - ip address - submask

Same as default gateway 10.20.1.2

3rd

Router-1 serial interface 2/0

Port address on - ip address 10.20.1.1

Router-2 serial interface 2/0

Port address on - ip address 10.20.1.1

4th

Routing - static routers

For router 1

| network | mask | Next hop |
| --- | --- | --- |
| 192.168.1.0 | 255.255.255.0 | 10.20.1.1 |

For router 2

| network | mask | Next hop |
| --- | --- | --- |
| 192.168.5.0 | 255.255.255.0 | 10.20.1.2 |