

CCNA Practicals		
Sr.	Topic Name	
1	Crimping/punching	
2	Calculation of network id, start ip, end ip & broadcast id	
3	Connecting 2 PC's with Wire using IPv4 Addresses	Directly
4		Using hub
5		Using switch
6		Using router
7	Subnet	FLSM Calculations
8		VLSM Calculations
9	Supernet Calculation	
10	Basic Configuration in Router & Switch	
11	Configuring Banners	Login
12		MOTD
13	Configuring Password	Console
14		Auxillary
15		Priviledge Mode Plain Text
16		Priviledge Mode Secret
17		Telnet
18	Encrypting Passwords	
19	Restoring Password	
20	Remote Access	Telnet
21		ssh
22	Creating VLANs	In Single Switch
23		In Multiple Switches
24		In Multiple Switches using VTP
25	InterVLAN Routing using L2 Switches	
26	InterVLAN Routing using L3 Switches	
27	Configuring EtherChannel	
28	Switch Port Security	
29	Saving & Erasing Configuration	
30	Configuring DHCPv4	
31	Configuring Static Routes using IPv4	
32	Configuring Default Static Route using IPv4	
33	Configuring Floating Static Route using IPv4	
34	Configuring RIPv1	
35	Configuring RIPv2	
36	Configuring EIGRP	
37	Configuring OSPF – Single AS Single Area	
38	Configuring OSPF – Single AS Multiple Area	
39	Configuring OSPF – Multiple AS Multiple Area	
40	Standard Numbered ACL	
41	Extended Numbered ACL	
42	Standard Named ACL	
43	Extended Named ACL	
44	Static NAT	
45	Dynamic NAT	
46	NAT Overload/ PAT	
47	WAN Encapsulation - PPP – PAP	
48	WAN Encapsulation - PPP – CHAP	

49	Frame Relay – Point to Point	
50	Frame Relay – Point to Multi-Point	
51	Connecting 2 PC's with Wire using IPv6 Addresses	Directly
52		Using hub
53		Using switch
54		Using router
55	Configuring DHCPv6	
56	Configuring Static Routes using IPv6	
57	Configuring Default Static Route using IPv6	
59	Configuring RIPnG	
61	Configuring EIGRPv6	
62	Configuring OSPFv3	