

Lesson Plan for LAB

Subject Code & Title: 18CSS202J Computer Communications

Session 2 Periods	Exercise
Lab 1	1.a - Introduction to Packet Tracer, Networking commands
	1.b - Demonstration of cross over and straight through cable
Lab 2	2.a - Configuration of IP Address in Router
	2.b - Configuration of IP Address in Router
Lab 3	3.a - Subnetting in WAN Configuration (DTE and DCE)
	3.b - Subnetting in WAN Configuration (DTE and DCE)
Lab 4	4.a - Mini - Project Review - I
	4.b - Mini - Project Review - I
Lab 5	5.a - VLAN Switch Configuration
	5.b - Router Configuration through a Console cable
Lab 6	6.a - Demonstration of Static Routing
	6.b - Demonstration of Default Routing
Lab 7	7.a - Demonstration of RIP v1
	7.b - Demonstration of RIP v2
Lab 8	8.a - EIGRP Configuration, Bandwidth, and Adjacencies
	8.b - EIGRP Configuration, Bandwidth, and Adjacencies
Lab 9	9. a - EIGRP Authentication and Timers
	9. b - EIGRP Authentication and Timers
Lab 10	10.a - Single-Area OSPF Link Costs and Interface
	10.b - Single-Area OSPF Link Costs and Interface
Lab 11	11.a - Multi-Area OSPF with Stub Areas and Authentication
	11.b - Multi-Area OSPF with Stub Areas and Authentication
Lab 12	12.a - Examining Network Address Translation (NAT)
	12.b - Examining Network Address Translation (NAT)
Lab 13	13.a - BGP Configuration
	13.b - BGP Configuration
Lab 14	14.a - Mini - Project Review – II
	14.b - Mini - Project Review – II
Lab 15	15.a - Mini – Project Review – II
	15.b - Mini – Project Review – II
Model Practical Examination	
End Semester Practical Examination	