

## Task LAB (3)

1. Consider IP 192.168.1.2/29 .apply the following on the Network.
  - a. Determine the best Subnet mask for the network by Using VLSM.
  - b. Segment (Isolate) each pc in VLAN( **VLAN2, VLAN3, VLAN3, VLAN4**) (each VLAN with its subnet based on custom subnet mask).
  - c. Enable Default Routing between Routers or Dynamic Routing (RIP, OSPF, and EIGRP as you like).

### Hints:

1. VLAN4, VLAN5 routing between them are configured on the router by using sub interface
2. Link between switch and router should be trunk link
3. Enable dot1q protocol on router

**Pic illustrate structure design of the network**

**Use the questions above to redesign and configure the network**

