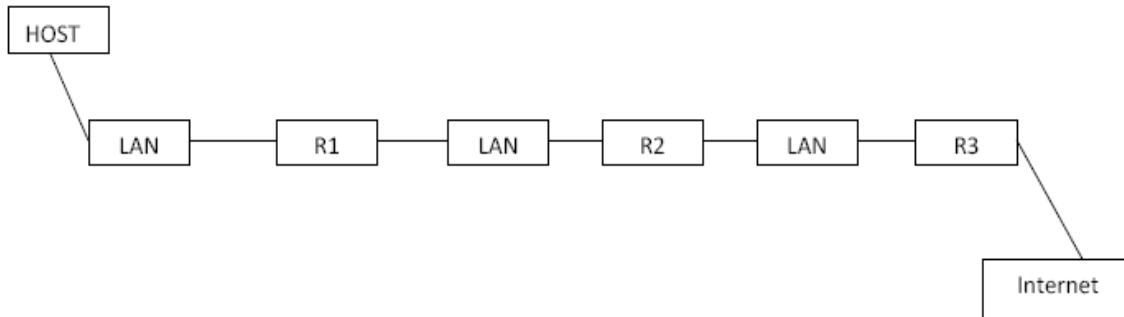1. Classfull IPv4 addresses / Classless IPv4 addresses
2. Traceroute – write the list of IPs displayed by the traceroute utility on the network below and briefly justify your answer:

   Host has IP: 192.168.0.2

   R1 has IP: left – 192.168.0.1, right – 10.0.1.61

   R2 has IP: left – 10.0.1.12, right – 10.2.14.12

   R3 has IP: left – 10.2.14.1, right – 82.23.122.154

3. Fie reteaua:
   a. Sa se stabileasca adrese IP si masti de retea calculatoarelor si router-elor din aceasta retea din clasa 193.231.20.128/25 stiind ca: in reteaua deservita de router-ul R1 exista 15 calculatoare, in cea deservita de R5 60 de calculatoare, iar in cea deservita de R3 5 de calculatoare. De asemenea router-ul R4 are ca si default gateway un calculator din reteaua Internet cu adresa 193.231.20.249/255.255.255.248. Subclasele de adrese se vor atribui cat mai compact.
   b. Sa se stabileasca pe toate router-ele din aceasta retea tabelele de dirijare necesare