1. Please identify which Objects from which MIB-Groups were queried by using the SNMP-Protocol.
   Indicate also the meaning of these Objects.

   (Identifizieren Sie bitte, welche Objekte aus welchem MIB-Zweig (Gruppe) per SNMP-Protokoll abgefragt worden sind ?
   Geben Sie auch die Bedeutungen dieser Objekte an.)

1.1. 1. Abfrage (1st Query)

```
Frame 1 (84 bytes on wire, 84 bytes captured)
Ethernet II, Src: 00:11:92:83:49:20, Dst: 00:06:5b:75:c1:fe
Internet Protocol, Src Addr: 194.95.109.130 (194.95.109.130), Dst Addr:
194.95.109.181 (194.95.109.181)
User Datagram Protocol, Src Port: snmp (161), Dst Port: 1276 (1276)
Simple Network Management Protocol
    Version: 1 (0)
    Community: public
    PDU type: RESPONSE (2)
    Request Id: 0x00000002
    Error Status: NO ERROR (0)
    Error Index: 0
    Object identifier 1: 1.3.6.1.2.1.4.2.0
    Value: INTEGER: 255
```

1.2. 2. Abfrage (2nd Query)

```
Frame 2 (84 bytes on wire, 84 bytes captured)
Ethernet II, Src: 00:11:92:83:49:20, Dst: 00:06:5b:75:c1:fe
Internet Protocol, Src Addr: 194.95.109.130 (194.95.109.130), Dst Addr:
194.95.109.181 (194.95.109.181)
User Datagram Protocol, Src Port: snmp (161), Dst Port: 1276 (1276)
Simple Network Management Protocol
    Version: 1 (0)
    Community: public
    PDU type: RESPONSE (2)
    Request Id: 0x00000004
    Error Status: NO ERROR (0)
    Error Index: 0
    Object identifier 1: 1.3.6.1.2.1.5.14.0
    Value: Counter32: 7211
```

1.3. 3. Abfrage (3rd Query)

```
Frame 3 (83 bytes on wire, 83 bytes captured)
Ethernet II, Src: 00:11:92:83:49:20, Dst: 00:06:5b:75:c1:fe
Internet Protocol, Src Addr: 194.95.109.130 (194.95.109.130), Dst Addr:
194.95.109.181 (194.95.109.181)
User Datagram Protocol, Src Port: snmp (161), Dst Port: 1276 (1276)
Simple Network Management Protocol
    Version: 1 (0)
    Community: public
    PDU type: RESPONSE (2)
    Request Id: 0x00000011
    Error Status: NO ERROR (0)
    Error Index: 0
    Object identifier 1: 1.3.6.1.2.1.4.21.1.2.0.0.0.0
    Value: integer32: 0
```

1.4. 4. Abfrage (4th Query)

```
Frame 4 (92 bytes on wire, 92 bytes captured)
Ethernet II, Src: 00:11:92:83:49:20, Dst: 00:06:5b:75:c1:fe
Internet Protocol, Src Addr: 194.95.109.130 (194.95.109.130), Dst Addr:
194.95.109.181 (194.95.109.181)
User Datagram Protocol, Src Port: snmp (161), Dst Port: 1276 (1276)
Simple Network Management Protocol
    Version: 1 (0)
    Community: public
    PDU type: RESPONSE (2)
    Request Id: 0x00000014
    Error Status: NO ERROR (0)
    Error Index: 0
    Object identifier 1: 1.3.6.1.2.1.4.20.1.1.194.95.109.49
    Value: IpAddress: 194.95.109.49
```

SOLUTION

1.1 ***OID: 1.3.6.1.2.1.4.2.0***
mib2.IP_Group.ipDefaultTTL.scalar
value: 255

ipDefaultTTL is the default value inserted into the Time-To-Live field of the IP header of datagrams originated at this entity, whenever a TTL value is not supplied by the transport layer protocol.

1.2 OID: 1.3.6.1.2.1.5.14.0
mib2.ICMP_Group.icmpOutMsgs.scalar
value: 7211

icmpOutMsgs gives the total number of ICMP messages which this entity attempted to send. Note that this counter includes all those counted by icmpOutErrors.

1.3 OID: 1.3.6.1.2.1.4.21.1.2.0.0.0.0
mib2.IP_Group.ipRouteTable.ipRouteEntry.ipRouteIfIndex.index
value: 0

ipRouteIfIndex gives the ifIndex of network interface that is used to send packets to destination subnet specified as index.

1.4 ***OID: 1.3.6.1.2.1.4.20.1.1.194.95.109.49***
mib2.IP_Group.ipAddrTable.ipAddrEntry.ipAdEntAddr.index
value: 194.95.109.49

ipAdEntAddr column contains IP Addresses assigned to the entity.