Question 0:

Shooting success rate 10% Have >80% probability

Question 1:

| 10: | 00001010 | 10: | 00001010 |
|-----|----------|--------|----------|
| 1: | 0000001 | 1: | 00000001 |
| 5: | 00000101 | 5: | 00000101 |
| 65: | 01000001 | 64/29: | 10000000 |

It would pick 10.1.5.64/29 as it has the most bits similar to 10.1.5.65

Question 2:

| 131: | 10000011 | 131: | 10000011 | 131: | 10000011 |
|------|----------|------|----------|------|----------|
| 23: | 00010111 | 19: | 00010011 | 22: | 00010110 |

151: 10010111 76: 01001100

The identifier will be 1 as 131.22.0.0/15 shares the most similar bit values.

Question 3:

192: 11000000 192: 11000000 192: 11000000 24: 00011000 00011000 24: 00011000 24: 6: 00000110 14: 00001110 54: 00110110 0: 32: 0000000 00100000 00000000 0:

192: 11000000 192: 11000000 24: 00011000 24: 00011000

0: 00~000000 12: 000011~00

0: 00000000 0: 00000000

/18 /22

192.24.6.0= D

192.24.14.32= B

192.24.54.0= D