1. In Ethereum, the block hash is the hash of all the elements in the _____ .

1 / 1 point

○ State tree

◉ Block header

○ Transaction hash tree

○ Receipt tree

✓ **Correct**
Correct!

2. Merkle tree hash is used for computing _____ hash.

1 / 1 point

○ state root

○ transaction root

○ receipt root

◉ all of the above

✓ **Correct**
Correct!

3.   Block hash allows for the formation of the chain link by embedding previous block hash in the current block header. True or False?

1 / 1 point

◉ True

○ False

✓ **Correct**
Correct!

4. If a participant node tampers with a block, it results in ____.

1 / 1 point

○ hash changing

○ mismatch of hash values

○ the local chain of node rendered in an invalid state

◉ All of the above

✓ **Correct**
Correct!