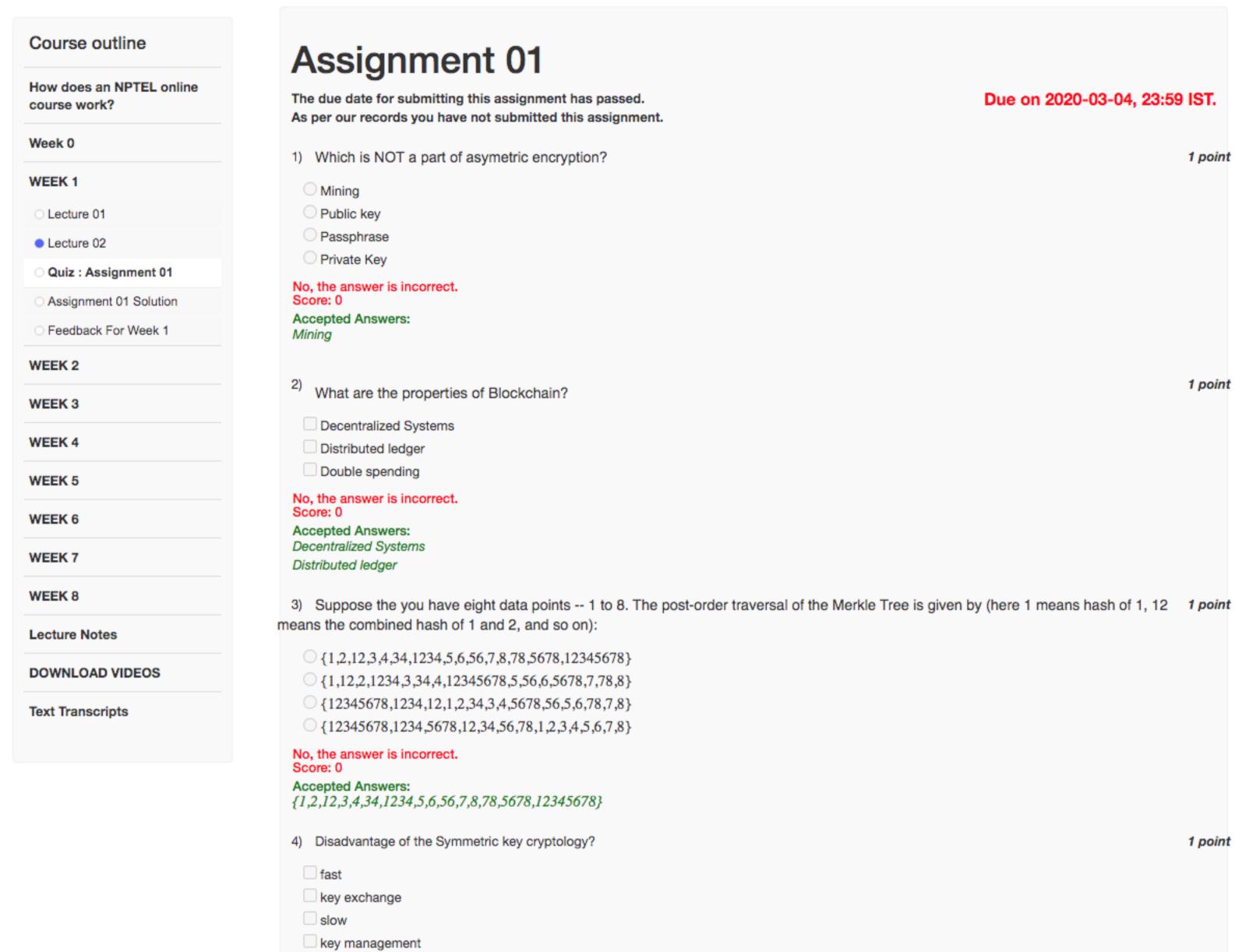
Mentor

1 point

NPTEL » Introduction to Blockchain Technology and Applications

## Unit 4 - WEEK 1



No, the answer is incorrect.

No, the answer is incorrect.

Accepted Answers:

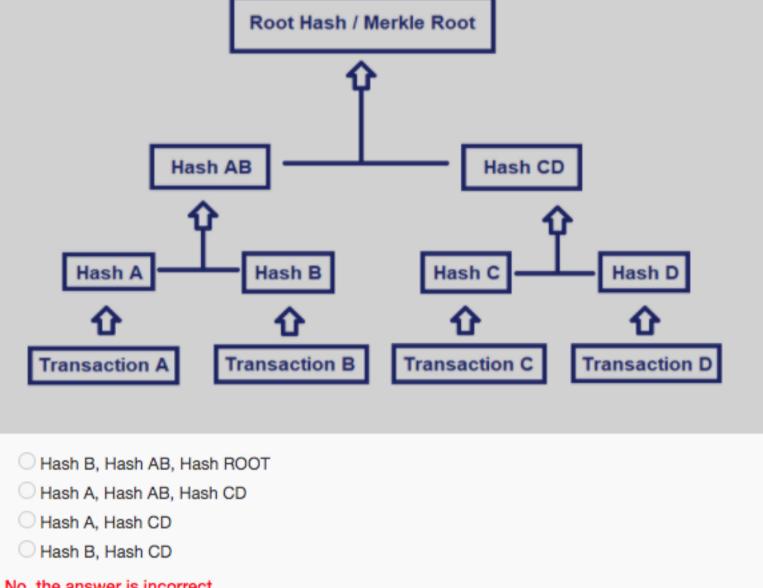
Accepted Answers:

Score: 0

Score: 0

key exchange

key management



6) In order to prove "Transaction B" is a part of this merkle tree. What all hashes are needed?

5) Which of the following is a wrong statement about a cryptographic hash function:

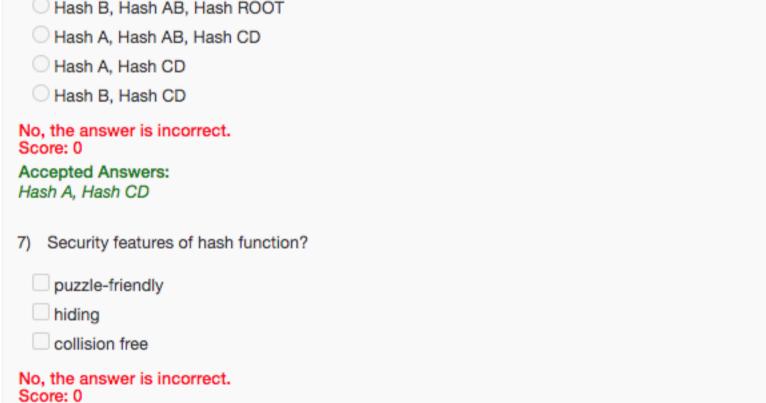
given the same message the hash function would return the same hash

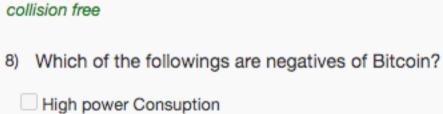
it is difficult to generate the original message from the hash

it is difficult to find two different messages with same hash

a small change in the message does not impact the hash

a small change in the message does not impact the hash





Accepted Answers:

Highly Volatile

Repudiation

None

puzzle-friendly

hiding

No, the answer is incorrect. Score: 0 Accepted Answers: High power Consuption Highly Volatile

9) Can we use Memory Pointers to point to previous block in blockchain? True False

No, the answer is incorrect.

False 10) In which of the following cases we need Blockchain? Do you need to store state?

2. Are there multiple writers?

3. Are all writers trusted?

Accepted Answers:

4. Data need to be temper evident? 1. Yes

Yes 4. No 1. Yes

> 2. Yes No 4. Yes

> Yes

Score: 0

\_\_ 1. Yes No No Yes

1. Yes

Yes

Yes Yes

Score: 0

 Yes Yes

Accepted Answers:

No, the answer is incorrect.

3. No 4. Yes

> Yes 2. No

3. No 4. Yes

 Yes Yes

Yes 4. Yes