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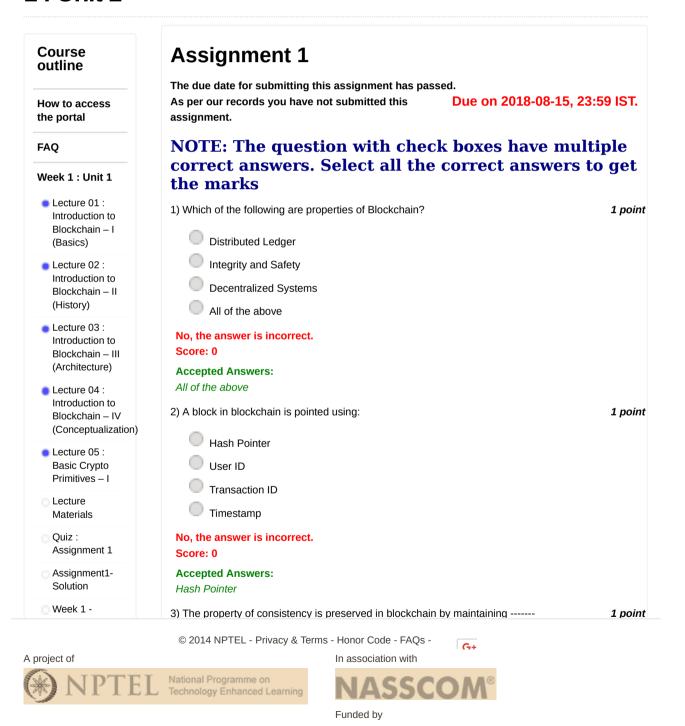
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Courses » Blockchain Architecture Design and Use Cases

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## Unit 3 - Week 1 : Unit 1



Week 5	No, the answer is incorrect.  ce De Score: 0	
Week 6	Accepted Answers:  A Local copy of the Global Information	
Week 7		point
Week 8	Keyed Hash Function	
Week 9	Hash Code	
Week 10	Message Hash Function	
Week 11	None of the Above	
Week 12	No, the answer is incorrect.  Score: 0	
VIDEO DOWNLOAD	Accepted Answers: Keyed Hash Function	
	5) Suppose the you have eight data points from 0 to 7. The in-order traversal of the Merkle  Tree is given by (here 0 means hash of 0, 01 means the combined hash of 0 and 1, and so on):	point
	{0,1,01,2,3,23,0123,4,5,45,6,7,67,4567,01234567}	
	{01234567,0123,01,0,1,23,2,3,4567,45,4,5,67,6,7}	
	{0,01,1,0123,2,23,3,01234567,4,45,5,4567,6,67,7}	
	{01234567,0123,4567,01,23,45,67,0,1,2,3,4,5,6,7}	
	No, the answer is incorrect. Score: 0	
	Accepted Answers: {0,01,1,0123,2,23,3,01234567,4,45,5,4567,6,67,7}	
	6) What are the main components of the metadata of a block in blockchain?	point
	Previous Block Hash	
	Transaction ID	
	Merkle Root	
	Mining Statistics	
	No, the answer is incorrect. Score: 0	
	Accepted Answers:	
	Previous Block Hash	
	Merkle Root  Mining Statistics	
	7) The current cryptographic hash algorithm used in Bitcoin is:	point
	RSA	
	MD5	
	Double SHA128	
	Double SHA256	
	No, the answer is incorrect. Score: 0	
	Accepted Answers: Double SHA256	
	8) Which of the following is used to ensure consensus in Bitcoin framework?	point

PoW (Proof of Work)	
PoS (Proof of Stake)	
PoC (Proof of Concept)	
None of the Above	
No, the answer is incorrect. Score: 0	
Accepted Answers: PoW (Proof of Work)	
9) How many operations are required to identify two messages with message diges SHA256?	t in case of <b>1 point</b>
2 <sup>128</sup>	
2 <sup>256</sup>	
2 <sup>512</sup>	
2 <sup>1024</sup>	
No, the answer is incorrect. Score: 0	
Accepted Answers:	
2 <sup>128</sup>	
10)What is the length of a message in SHA512 after padding?	1 point
992	
960	
768	
896	
No, the answer is incorrect. Score: 0	
Accepted Answers:	
896	
Drovious Dago	End
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