Module Assignment 2 – Creating Multiple-Choice Test Items

Multiple-choice test times, Answer key, and Alignment

Quiz 3:

Please choose the best answer out of the options listed below.

1. What feature is a unique characteristic of a Decentralized application that makes it different from other types of web applications?

a. A smart contract
b. A database
c. A web frontend
d. JavaScript

2. _____ describes a platform-service Internet which is read-write and ad-driven.

a. Web 1
b. Web 2
c. Web 3
d. Web 4

3. Which of the following is a special Solidity variable?

a. block.value
b. msg.timestamp
c. block.timestamp
d. msg.hash

4. Which of the following is not a variable type in Solidity?

a. uint256
b. string
c. uint128
d. list

5. An Ethereum Decentralized application often uses _____ protocol to send requests to an Ethereum node.

a. HTTP
b. ICMP
c. LDAP
d. JSON

***All the test items are linked to Learning Outcomes 2: Analyze classical web applications and distributed applications (DApps).

Course Outline

AY 2023-2024

Program:	**Cloud Computing and Blockchain**	
Course:	**CCMP 606 - Integrated Services Using Smart Contracts**	
Course Description:	You will explore smart contracts and their uses. You will analyze the benefits and downsides of implementing smart contracts. You will implement different types of smart contracts. You will analyze, design, and implement distributed applications (DApps).	
Pre-Requisites: **Co-Requisites:**	• None • None	
Course Hours: **Credit Units:**	• 45 • 3	
Student Assessment: **Grade/Passing Grade:** **PLAR Method:**	• Quiz 1 10% • Quiz 2 10% • Quiz 3 10% • Assignment 1 15% • Assignment 2 15% • Project 40% • 50% • N/A	
Learning Outcomes:	1. Analyze the benefits and challenges of blockchain-based solutions. 2. Analyze classical web applications and distributed applications (DApps). 3. Analyze consistency, availability, and partition tolerance in DApps solutions 4. Implement smart contract interactions. 5. Implement oracle smart contracts. 6. Implement a distributed application (DApps).	
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