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QUESTION 1

Exhibit.



```
package main

import (
    "fmt"

    "github.com/hyperledger/fabric/core/chaincode/shim"
    "github.com/hyperledger/fabric/protos/peer"
)

type BIAAsset struct {
}

func (t *BIAAsset) Init(stub shim.ChaincodeStubInterface) peer.Response {
    // Get the args from the transaction proposal
    args := stub.GetStringArgs()
    if len(args) != 2 {
        return shim.Error("Incorrect arguments. Expecting a key and a value")
    }

    err := stub.PutState(args[0], []byte(args[1]))
    if err != nil {
        return shim.Error(fmt.Sprintf("Failed to create asset: %s",
args[0]))
    }
    return shim.Success(nil)
}

func (t *BIAAsset) Invoke(stub shim.ChaincodeStubInterface) peer.Response {
    fn, args := stub.GetFunctionAndParameters()

    var result string
    var err error
    if fn == "set" {
        result, err = set(stub, args)
    } else { // assume 'get' even if fn is nil
        result, err = get(stub, args)
    }

    if err != nil {
        return shim.Error(err.Error())
    }

    return shim.Success([]byte(result))
}

    value, err := stub.GetState(args[0])
    if err != nil {
        return "", fmt.Errorf("Failed to get asset: %s with error: %s",
args[0], err)
    }
    if value == nil {
        return "", fmt.Errorf("Asset not found: %s", args[0])
    }
    return string(value), nil
}

func main() {
    if err := shim.Start(new(BIAAsset)); err != nil {
        fmt.Printf("Error starting BIAAsset chaincode: %s", err)
    }
}
```



Based on the chaincode displayed, which function returns the value of the specified asset key?

- A. main
- B. Init C. Invoke
- D. get

Correct Answer: D

QUESTION 2

Chaincode with Hyperledger Fabric can be written in what development languages? Select All that apply.

- A. Node.js
- B. Go
- C. Java

Correct Answer: ABC

QUESTION 3

In Hyperledger Fabric, miners are called?

- A. Committer Peer
- B. There are no miners in Hyperledger
- C. Endorser Node
- D. Channels

Correct Answer: D

QUESTION 4

What type of peer endorses and executes a transaction?

- A. Endorsement Peer
- B. Peered Peer
- C. Executing Peer
- D. Endorsing Peer
- E. Peer Node

Correct Answer: D



An endorser executes and endorses transactions. The endorsing peers take the role of endorsing transactions before they are ordered and committed as per the policy defined in Chaincode.

QUESTION 5

Asset state data is immutable i.e., once asset data is written to the state data (world state) it cannot be changed.

A. FALSE

B. TRUE

Correct Answer: A

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