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QUESTION 1

In Hyperledger Fabric Composer, what testing tools are available?

- A. Mocha
- B. Chai
- C. Both A and B
- D. Neither A nor B

Correct Answer: C

QUESTION 2

Exhibit.



```
package main

import (
    "fmt"

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

type BTAAsset struct {
}

func (t *BTAAsset) 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 *BTAAsset) 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))
}

func set(stub shim.ChaincodeStubInterface, args []string) (string, error) {
    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(BTAAsset)); err != nil {
        fmt.Printf("Error starting BTAAsset 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 3

Hyperledger can best be described as which of the following?

- A. A Newer Version of Proof of Stake
- B. An IBM owned solution that is a single blockchain
- C. A newer version of Proof of Work
- D. An effort to advance cross-industry blockchain technologies

Correct Answer: D

An effort to advance cross-industry blockchain technologies. Hyperledger is an open source collaborative effort created to advance cross-industry blockchain technologies. It is a global collaboration, hosted by The Linux Foundation, including leaders in finance, banking, IoT, supply chain, manufacturing and technology.

QUESTION 4

When designing a client application it is important to note that queries are defined in a query file (.qry). Where is this .qry file stored?

- A. Parent directory of the business network definition
- B. /tmp directory of the package.json file
- C. Child directory of the package.json file
- D. Child directory of the business network definition
- E. Parent directory of the package.json file

Correct Answer: A

QUESTION 5

Exhibit.



```
func (t *STAAsset) Init(stub shim.ChaincodeStubInterface) peer.Response {  
    // Get the args from the transaction proposal  
    args := stub.GetStringArgs()  
    if len(args) != 3 {  
        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)  
}
```



The function displayed will not return an error if:

- A. the number of arguments does not equal 3
- B. the number of arguments is greater than 3
- C. the number of arguments equal 3
- D. the number of arguments equal 4

Correct Answer: A

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