Question 1

Drag and drop the requirements from the left that are needed to leverage POAP in an Open Cisco NX-OS environment onto the right.
Not all options are used.

	requirements to leverage POAP in an Open NX-OS environment
admin password for the switches	
DHCP server to provide interface settings	
TFTP server with the configuration script	
FTP server with the configuration script	
file server with necessary config files	

Question 2

A co-worker is using Cisco Intersight to determine the maximum available memory per server for their company's data center. Drag and drop the code to complete the Cisco Intersight API call that provides the desired results. Not all options are used.

```
GET/api/v1/compute/RackUnits?$apply=groupby((                                    )),

aggregate(AvailableMemory with                              ))
```

Model	ilableMemory	Model

max = MaxAvailableMemory	ype	max = MaxAvailableMemory

Explanation:
Model

Max as MaxAvailableMemory

Question 3

A server profile with the "WEST15" in its name must have the string "WEST15" changed to "LXT14". For example, server profile "Vmhost-west 15-01" would need to be changed to "VMHOST-LXT 14-01". Using the Cisco Intersight REST API in a Python script, which two GET API requests are used to retrieve just the server profile with the string "WEST 15" in the name and the correct body for the API request to update the name? Assume the variable "sp_name" contains the name of the retrieved server profile. (Choose two.)

Options:

A) GET https://intersight.com/api/v1/server/Profiles?$select=Name&filter=contains (Name,'WEST15')

B) GET https://intersight.com/api/v1/server/Profiles?$select=Name&filter=Name in ('WEST15')

C) BODY = {"Name": sp_name.format('WEST15,'LXT14')}

D) GET https://intersight.com/api/v1/server/Profiles?$select=Name&&$filter=startswith(Name, 'WEST15')

E) BODY = {" Name": sp_name.replace('WEST15','LXT14')}

Answer:

B, E

Explanation:

Question 4

Question Type: MultipleChoice

Refer to the exhibit:

```
from acitoolkit.acitoolkit import (
    AppProfile, BridgeDomain, Context,
    EPG, Session, Subnet, Tenant
)

def create_tenant():
    session = Session(
        "https://apic", "admin", "ciscopsdt"
    )
    session.login()
    my_tenant = Tenant("DevNet_Tenant")
    my_vrf = Context("DevNet_VRF", my_tenant)
    my_bd = BridgeDomain("DevNet_BD", my_tenant)
    my_bd.add_context(my_vrf)
    my_subnet = Subnet("DevNet_Subnet", my_bd)
    my_subnet.set_scope("public")
    my_subnet.set_addr("10.10.10.1/24")
    my_app = AppProfile("DevNet_App", my_tenant)
    my_epg = EPG("DevNet_EPG", my_app)
    my_epg.add_bd(my_bd)
    session.push_to_apic(
        my_tenant.get_url(),
        my_tenant.get_json())

if __name__ == '__main__':
    create_tenant()
```

Refer to the exhibit, which two actions does this Python code perform with the Cisco ACI? (Choose two.)

Options:

A) It creates a subnet 'DevNet_Subnet' inside VRF 'DevNet_VRF' located in ACI tenant 'DevNet_Tenant' and sets the scope to 'private'

B) It creates a subnet 'DevNet_Subnet' inside AppProfile 'DevNet_App' located in ACI tenant 'DevNet_Tenant' and sets the network address to '10.10.10 1/24'

C) It creates an EPG 'DevNet_EPG' inside AppProfile 'DevNet_App' located in ACI tenant 'DevNet_Tenant' and link the EPG with BridgeDomain 'DevNet_BD'

D) It creates a subnet 'DevNet_Subnet' inside VRF 'DevNet_VRF' located in ACI tenant 'DevNet_Tenant' and sets the network address to '10.10 10.1/24'.
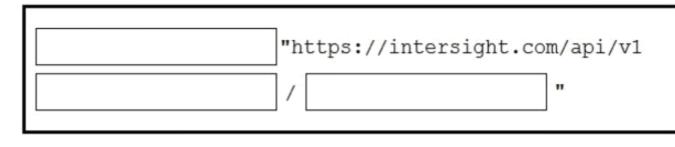
E) It creates an EPG 'DevNet_EPG' inside VRF 'DevNet_VRF' located in ACI tenant 'DevNet_Tenant' and link the EPG with BridgeDomain 'DevNet BD'

Answer:

C, E

Question 5

Drag and drop the items to complete the request to retrieve the current firmware of Cisco UCS devices from the Cisco Intersight API. Not all items are used.

```
┌──────────────────────────────────────────────────────────────────┐
│  ┌──────────────────────────┐  "https://intersight.com/api/v1     │
│  └──────────────────────────┘                                       │
│  ┌──────────────────────────┐   ┌──────────────────────────┐  "   │
│  └──────────────────────────┘ / └──────────────────────────┘      │
└──────────────────────────────────────────────────────────────────┘
```

```
┌──────────────────────────┬─────┐   ┌──────────────────────────┐
│  RunningFirmwares        │     │   │  RunningFirmwares        │
├──────────────────────────┼─────┤   ├──────────────────────────┤
│         POST             │  s  │   │         POST             │
├──────────────────────────┴─────┤   ├──────────────────────────┤
│         firmware                │   │         firmware          │
└─────────────────────────────────┘   └──────────────────────────┘
```

Explanation:

GET, firmware, RunningFirmwares

Question 6

Which two terms are types of application isolation options available when Kubenetes is deployed with the SCCM plugin? (Choose two)

Options:

A) VM Isolation

B) Cluster Isolation

C) Server Isolation

D) Process Isolation

E) Namespace Isolation

Answer:

B, E

Explanation:

https://cloud.google.com/kubernetes-engine/docs/concepts/multitenancy-overview

Question 7

After a Cisco Nexus switch interface is enabled and in the up state, an engineer must automate the configuration of the interface descriptions using the EEM Python Module.

Drag and drop the steps the engineer must take from the left into the correct order on the right.

event syslog pattern "IF_UP"	step 1
exit	step 2
event manager applet link monitor	step 3
conf t	step 4
action 1 cli command "source cdp_description.py" '	step 5

Explanation:
Exit

conf t

Event manager applet link monitor

Event syslog pattern "IF_UP"

Action 1 cli command "source cdp_description.py"

Question 8

Question Type: DragDrop

When a switch boots it does not find its startup-config file. Drag and drop the steps that Power-On Auto Provisioning goes through to configure the switch for remote management from the left into the correct order on the right. Not all options are used.

DHCP assigns the switch an IP address, default gateway, and IP address that are tracked by the Domain Name System server.	
The switch searches for a Domain Host Configuration Protocol service on the network.	
The switch launches a container with Contiv.	
POAP gets the IP address of a script server, downloads the correct script for the switch, and runs the script on the switch.	

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/6-x/fundamentals/
configuration/guide/b_Cisco_Nexus_9000_Series_NX-OS_Fundamentals_Configuration_Guide/ b_Cisco_Nexus_9000_Series_NX-
OS_Fundamentals_Configuration_Guide_chapter_011.pdf

Question 9

Question Type: MultipleChoice

Which NX-API request queries the MAC address table?

A)

```
{
   "jsonrpc": "1.0",
   "method": "cli",
   "params": {
    "cmd": "show mac address-table",
    "version": 1
   },
   "id": 1
}
```

B)

```
{
   "jsonrpc": "2.0",
   "method": "cli",
   "params": {
    "cmd": "show mac address-table",
    "version": 1
   },
   "id": 1
}
```

C)

```
{
    "jsonrpc": "2.0",
    "method": "cli",
    "params": {
     "command": "show mac address-table",
     "version": 1
    },
    "id": 1
}
```

C)

```
{
    "jsonrpc": "2.0",
    "method": "cli_show",
    "params": {
     "cmd": "show mac address-table",
     "version": 1
    },
    "id": 1
}
```

Options:

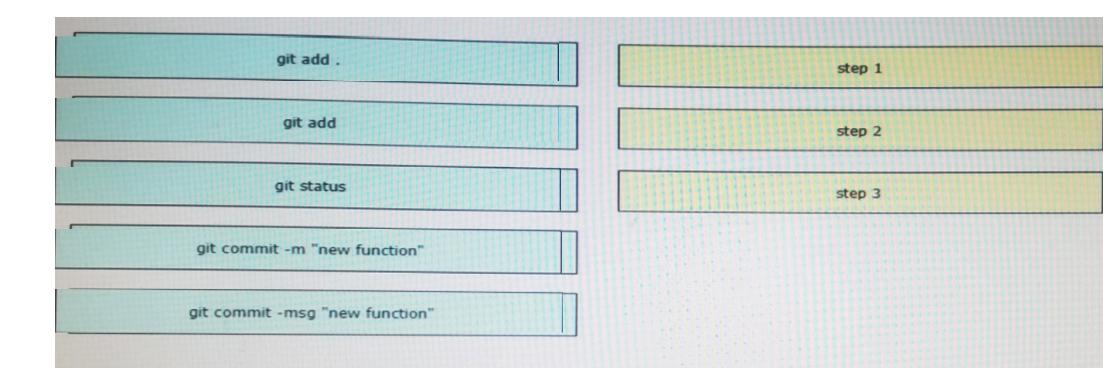**A)** Option

B) Option

C) Option

D) Option

Answer:

C

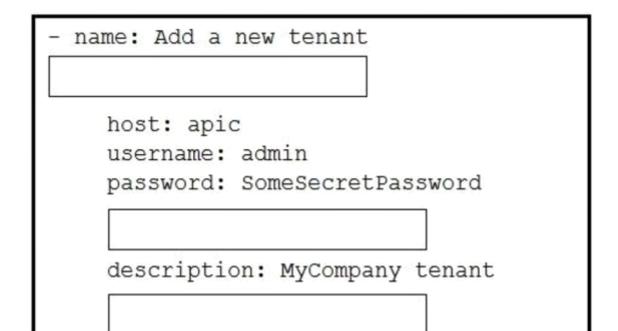**Explanation:**

NXOS Sandbox

Question 10

A file named myfunc.py has been edited. Drag and drop the steps from left that ensure that this file is committed to the local Git repository and verify its status into the correct order on the right. NOt all options are used.

git add .	step 1
git add	step 2
git status	step 3
git commit -m "new function"	
git commit -msg "new function"	

Question 11

Drag and drop the code to complete an Ansible playbook that creates a new tenant. Not all options are used.

```
- name: Add a new tenant
  [                                    ]

      host: apic
      username: admin
      password: SomeSecretPassword
      [                              ]

      description: MyCompany tenant
      [                              ]
```

state: absent	y
tenant: MyCompany	
state: present	
aci_tenant_name:	

state: absent
tenant: MyCompany
state: present
aci_tenant_name:

Answer:

Explanation:

https://docs.ansible.com/ansible/latest/scenario_guides/guide_aci.html