1)Azure services provides a set of version control tools to manage code.

* ​

Azure Repos

2)Azure Monitor can monitor both cloud and on-premises environments.

Yes

3)Azure Monitor can trigger alerts based on data in an Azure Log Analytics workspace.

* ​Yes

4)……Azure Databricks***......*** is an Apache Spark-based analytics service.

5) Azure Monitor can send alerts to Azure action groups.

* ​Yes

6) You received a new urgent task to create several Azure virtual machines in your Azure environment. Unfortunately, you are on holiday and you only have a tablet with you, that runs Android operating system.

**Solution: You use Bash in Azure Cloud Shell.**

**Solution: You use PowerShell in Azure Cloud Shell.**

Does this meet the goal?

* ​Yes

Yes

**(Correct)**

7)You received a new urgent task to create several Azure virtual machines in your Azure environment. Unfortunately, you are on holiday and you only have a tablet with you, that runs Android operating system.

**Solution: You use the PowerApps portal.**

Does this meet the goal?

* ​

No

**(Correct)**

PowerApps lets you quickly build business applications with little or no code. It is not used to create Azure virtual machines. Therefore, this solution does not meet the goal.

8)You need to correlate events from multiple resources into a centralized repository.

Which of the following Azure services should you use?

* ​

Azure Monitor

**(Correct)**

9)You received a new task to deploy a critical application in Azure cloud, using Azure virtual machines. The proposed solution must provide a guaranteed availability of 99.99 percent.

Which of the following options meets the requirement

* ​

Deploy minimum 2 virtual machines into 2 minimum availability zones.

10)Your company is analyzing the possibility to migrate its services to Microsoft Azure. Before any final decision is taken, you need to find out what data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data.

Which of the following options can help in this case?

* ​

Microsoft Online Services Privacy Statement

**(Correct)**

11)Azure Active Directory Domain Services (Azure AD DS) allows you to create Group Policies.

* ​

Yes

12)Azure Active Directory (Azure AD) allows you to join Windows 10 devices.

* ​

Yes

**(Correct)**

13)Azure Active Directory (Azure AD) allows you to join Android devices.

* ​

No

14)Your company is preparing to audit the Azure cloud infrastructure. The CTO is very much interested to track company’s regulatory standards and regulations, such as ISO 27001.

Which of the following resources can help?

* ​

Regulatory compliance in Security Center

**(Correct)**

15)You are working for a multinational company that has local presence with offices in 40+ countries. As per company policy, you need to make sure that Azure resources are created in an Azure region where each office is located.

What Azure service would you use in order to meet the policy requirement ?

* ​

an Azure Policy

**(Correct)**

16)The company CFO is concerned about the costs the new Azure ExpressRoute connection will bring.

Please evaluate the following statement and select **Yes** if the statement is true, otherwise select **No**.

You explain the CFO that inbound data traffic from the company's on-premises data centre to Azure cloud is always free, while using Azure ExpressRoute.

* ​

Yes

**(Correct)**

With Azure ExpressRoute, all inbound data transfer is free of charge.

17)Outbound data traffic from Azure to external destinations is always free.

* ​

No

**(Correct)**

Inbound data traffic is free, but outbound data traffic is not.

18)In Azure Portal, you are able to distinguish between services that are generally available (GA) or in public preview.

* ​

Yes

**(Correct)**

19)After a service transitions from public preview and becomes generally available, the service will not be updated anymore.

* ​

No

**(Correct)**

**Explanation**

After a service is tested, improved and transitioned to GA phase, it can be purchased and used by any Azure customer. The service will continue to be updated and receive updates until Azure decides to discontinue and retire the product.

20)The Azure service is now generally available and you now need to recreate the service in Azure

* ​

No

**(Correct)**

**Explanation**

Once the service transitions to generally available (GA) phase, you can simply continue to use the service, as before. You don't need to recreate the service in Azure.

21)You are working on a new migration project for several weeks already. The project manager has asked you to configure Azure to send email alerts when the cost of the current billing period for the Azure subscription exceeds a specified limit.

What will you use in this case?

* ​

Budget alerts

Budget alerts notify you when spending, based on usage or cost, reaches or exceeds the amount defined in the alert condition of the budget. Cost Management budgets are created using the Azure portal or the Azure Consumption API.

22)North America is represented by a single Azure region.

* ​

False

**(Correct)**

**Explanation**

The statement is false, North America includes many Azure regions. You can explore the different available Azure regions by following the reference link below.

23)Management groups can include multiple Azure subscriptions, and resource groups also can include multiple Azure subscriptions.

24)Data transfers between Azure services located in different Azure regions are always free.

* ​

False

**(Correct)**

**Explanation**

Data transfers between Azure services located in different Azure regions ***is charged***, it is ***NOT free***.

25)You plan to deploy several Azure virtual machines. You need to ensure that the services running on the virtual machines remain available if a single Azure data center fails.

What are the two best possible solutions?

* ​

Deploy the virtual machines to two or more regions

**(Correct)**

* ​

Deploy the virtual machines to two or more availability zones

26)Which Azure service provides a platform for serverless code?

* ​

Azure Functions

**(Correct)**

27)You can create a resource group inside another resource group.

* ​

False

**(Correct)**

**Explanation**

28)Nested resource groups are not available in Azure, so deploying a resource group inside another resource group is not possible.

28)A resource group can contain resources from multiple Azure regions.

* ​

True

29)You have an on-premises application that sends email notifications automatically based on a rule. You plan to migrate the application to Azure.

You need to recommend a serverless computing solution for the application.

What should you include in the recommendation?

* ​

a Logic App

**(Correct)**

30)Azure Germany can be used by **..........** .

* ​

any user or enterprise that requires its data to reside in Germany.

31)Which of the following represents a platform-as-a-service (PaaS) Azure service?

* ​

Azure Cosmos DB

**(Correct)**

31)In which type of cloud model are all the hardware resources owned by a third-party and shared between multiple tenants?

* ​

public

**(Correct)**

32)An Azure web app that queries an on-premises Microsoft SQL server is an example of **..........** cloud.

* ​

hybrid

**(Correct)**

33)Please evaluate the following statements and decide if they are **True** or **False**:

1. A Platform as a Service(PaaS) solution provides full control of operating systems that host applications.

2. A Platform as a Service(PaaS) solution provides additional memory to apps by changing pricing tiers.

3. A Platform as a Service(PaaS) solution can automatically scale the number of instances.

* ​

1 - False, 2 - True, 3 - True

**(Correct)** 34)To which cloud models can you deploy physical servers?

* ​

private cloud and hybrid cloud only

35)You have recently signed up for an Azure account and you are now preparing for a large migration project to Azure cloud. You need to request that Microsoft increases a subscription quota limit for your company.

What Azure menu should you use from the Azure portal?

Help + Support

36)Azure Platform as a Service (PaaS) service offering provides full control of the operating system that hosts your applications.

No

37)While using an Azure PaaS solution that hosts your web apps, you can change the pricing tier to add additional memory.

* ​

Yes

**(Correct)**

38)While using a PaaS Azure service that hosts your web apps, you can configure your solution to automatically scale the number VM instances, based on demand.

* ​

Yes

39)Your company has decided to migrate some of its services to Microsoft Azure. The company CTO wants to make sure that services deployed to Azure virtual machines are available if a single data center fails.

**Solution: You deploy the virtual machines to a scale set.**

* Does this meet the goal? ​

No

**(Correct)**

40)Your company has decided to migrate some of its services to Microsoft Azure. The company CTO wants to make sure that services deployed to Azure virtual machines are available if a single data center fails.

**Solution: You deploy the virtual machines to two or more scale sets.**

Does this meet the goal?

* ​

No

**(Correct**

41)Your company has decided to migrate some of its services to Microsoft Azure. The company CTO wants to make sure that services deployed to Azure virtual machines are available if a single data center fails.

**Solution: You deploy the virtual machines to two or more availability zones.**

Does this meet the goal?

* ​

Yes

**(Correct)**

42)Your company has decided to migrate some of its services to Microsoft Azure. The company CTO wants to make sure that services deployed to Azure virtual machines are available if a single data center fails.

**Solution: You deploy the virtual machines to two or more regions.**

Does this meet the goal?

* ​

Yes

423)Your company has decided to migrate some of its services to Microsoft Azure. The company CTO wants to make sure that services deployed to Azure virtual machines are available if a single data center fails.

**Solution: You deploy the virtual machines to two or more resource groups.**

Does this meet the goal?

* ​

No

**(Correct)**

44)Azure Functions represents a serverless computing Azure service offering.

* ​

Yes

45)Azure App Service hosts web applications.

* ​

Yes

**(Correct)**

46)Azure Databricks is a big data analysis Azure service used for machine learning.

* ​

Yes

47)Azure Application Insights detects and diagnoses anomalies in web applications.

* ​

Yes

**(Correct)**

48)You are working on a project in Azure and multiple business units are involved. Each business unit uses the same 25 Azure resources. You have been tasked to implement a solution to automate the creation of the Azure resources.

What should you use?

* ​

Azure Resource Manager templates

**(Correct)**

49)You have an Azure subscription named AZ-900-Subscription. You sign in to the Azure portal and create a resource group named RG-AZ-900.

You intend to use the following command that creates a virtual machine named VirtualMachine01.

**az vm create --resource-group RG-AZ-900 --name VirtualMachine01 --image UbuntuLTS --generate-ssh-keys**

You need to create VirtualMachine01 in AZ-900-Subscription by using the command.

**Solution: Launch Azure Cloud Shell from Azure Portal and select Bash. Run the command in Cloud Shell.**

Does this meet the goal?

* ​

Yes

**(Correct)**

50)You have an Azure subscription named AZ-900-Subscription. You sign in to the Azure portal and create a resource group named RG-AZ-900.

You intend to use the following command that creates a virtual machine named VirtualMachine01.

**az vm create --resource-group RG-AZ-900 --name VirtualMachine01 --image UbuntuLTS --generate-ssh-keys**

You need to create VirtualMachine01 in AZ-900-Subscription by using the command.

**Solution: Launch Azure Cloud Shell from Azure Portal and select PowerShell. Run the command in Cloud Shell.**

Does this meet the goal?

* ​

Yes

**(Correct)**

51)You have an Azure subscription named AZ-900-Subscription. You sign in to the Azure portal and create a resource group named RG-AZ-900.

You intend to use the following command that creates a virtual machine named VirtualMachine01.

**az vm create --resource-group RG-AZ-900 --name VirtualMachine01 --image UbuntuLTS --generate-ssh-keys**

You need to create VirtualMachine01 in AZ-900-Subscription by using the command.

**Solution: Install Azure CLI on your computer that runs Windows 10. From PowerShell, sign in to Azure and then run the command.**

Does this meet the goal?

* ​

Yes

**(Correct)**

52)You have an Azure subscription named AZ-900-Subscription. You sign in to the Azure portal and create a resource group named RG-AZ-900.

You intend to use the following command that creates a virtual machine named VirtualMachine01.

**az vm create --resource-group RG-AZ-900 --name VirtualMachine01 --image UbuntuLTS --generate-ssh-keys**

You need to create VirtualMachine01 in AZ-900-Subscription by using the command.

**Solution: Install Azure CLI on your computer that runs Windows 10. From Command Prompt, sign in to Azure and then run the command.**

Does this meet the goal?

* ​

Yes

**(Correct)**

* ​

53)Which of the following Azure services provides serverless computing in Azure

* ​

Azure Functions

**(Correct)**

54)Azure virtual machines provide operating system virtualization.

* ​

No

**(Correct)**

#### Explanation

Azure virtual machines provide hardware virtualization. Azure Virtual Machines (VM) is one of several types of on-demand, scalable computing resources that Azure offers. Typically, you choose a VM when you need more control over the computing environment than the other choices offered.

55Azure Container Instances provide a portable environment for virtualized applications.

* ​

Yes

**(Correct)**

56Azure App Service is an Azure service that you can use to build, deploy and scale web apps.

* ​

Yes

57)Azure Firewall encrypts network traffic sent from Azure to outside destinations.

* ​

No

**(Correct)**

#### Explanation

Azure firewall does not encrypt network traffic. It is used to block or allow traffic based on source/destination IP address, source/destination ports and protocol.

58)Azure Network Security Groups (NSGs) encrypt traffic sent from Azure to outside destinations.

* ​

No

**(Correct)**

#### Explanation

A network security group does not encrypt network traffic. It works in a similar way to a firewall and is used to block or allow traffic based on source/destination IP address, source/destination ports and protocol.

59)Azure Windows server virtual machines encrypt by default the traffic sent to a host on the Internet.

* ​

No

**(Correct)**

#### Explanation

The question is rather vague as it would depend on the configuration of the host on the Internet. Windows Server does come with a VPN client and it also supports other encryption methods such IPSec encryption or SSL/TLS, so it could encrypt the traffic if the Internet host was

60)You are currently working in an Azure virtual network named AZ-900-VNET in a resource group named AZ-900-RG.

You receive an email from your manager and you assign an Azure policy specifying that virtual networks are not an allowed resource type in AZ-900-RG.

What happens with your AZ-900-VNET ?

* ​

AZ-900-VNET continues to function normally

**(Correct)**

61)You need to investigate which user has turned off a specific virtual machine in the last 14 days.

What Azure service can help you during your investigation?