

## Question Practice Test

### Question 1:

**True or False: An Azure Storage Account can have both a public endpoint and a private endpoint at the same time.**

False

**True**

### Question 2:

**What is the benefit of economics of scale?**

**The more you buy of something, the cheaper it is for you.**

Big companies don't need to make a profit on the first product they sell you, because they will on the second.

Big companies don't need to make profit on every sale.

Prices of cloud servers and services are always going down. It'll be cheaper next year than it is this year.

### Question 3:

**True or False: Azure Active Directory is a network gateway that load balances user logins using a CDN (Content Delivery Network).**

**False**

True

**Question 4:**

**What does ARM an abbreviation for in Azure?**

Commented [dp1]: Abbreviation: viết tắt

Account Resource Manager

Advanced RISC Machine

**Azure Resource Manager**

Availability, Reliability, Maintainability.

**Question 5:**

**Which storage redundancy options is the cheapest?**

**LRS**

ZRS

RA-GRS

GRS

**Question 6:**

**What is the fastest connection type between your on – premissis network and Microsoft Azure, if money was not a concern?**

Point – to – Site VPN

Site – to Site VPN

Private Link

**Express Route**

**Question 7:**

**What are the two features that Azure AD provides? Choose two.**

Logic Apps.

Azure DDoS Protection.

**Authentication.**

Logs Analytics.

**Application management.**

Functions.

**Question 8:**

**Which features within Azure alerts you to service issues that happen in Azure itself, not specifically related to your own resources?**

Azure Monitor

Azure Security Center

**Azure Service Health**

Azure Portal Dashboard

**Question 9:**

**Which Azure AD licenses (select two) are made available through Azure?**

**Azure Active Directory Free**

**Office 365**

Business Tier 1

Basic

Enterprise Tier 2

**Question 10:**

**Which of the following elements is considered part of the <b> network <b> layer of network security?**

Keep operating systems up to date with patches

Locks on the data center doors

Use a firewall

**Separate servers into distinct subnets by role**

**Question 11:**

**Which Azure technology allows you to manage virtual machines running in Azure, in your own environment, and in other environments such as AWS?**

**Azure Arc**

Azure Virtual Desktop

Azure Kubernetes Service

Azure Monitor

**Question 12:**

**Which of the following scenarios would Azure Policy be a recommended method for enforcement?**

Require a virtual machine to always update to the latest security patches

**Prevent certain Azure Virtual Machine instance types from being used in a resource group**

Allow only one specific roles of users to have access to a resource group

Add an additional prompt when creating a resource without a specific tag to ask the user if they are really sure they want to continue?

**Question 13:**

**How many availability zones are there in each region (for regions that have them)?**

**3**

Unlimited

1

2

**Question 14:**

**Why would someone prefer a Consumption – based pricing model as opposed to a Time – based (Fixed) pricing model?**

It is always cheaper to pay for consumption than to pay by the hour

The pricing model is simpler and easier to understand

**You can save a lot of money if you don't use the resource often as opposed to having it available for use 24/7.**

You can easily predict the cost of the service into the future

**Question 15:**

**Why is Azure App Services considered Platform as a Service?**

Azure App Services is not PaaS. It is Software as a Service.

You can decide on what type of virtual machine it runs – A – series, or D – series, or even H – series.

You are responsible for keeping the operating system up to date with the latest patches

**You give Azure the code and the configuration, and you have no access to the underlying hardware.**

**Question 16:**

**True or False: Under the infrastructure as a Service model, Azure is responsible for managing the physical host, physical network, and physical datacenter.**

False

**True**

**Question 17:**

**What benefit does Availability Sets provide when it comes to virtual machines in Azure?**

Allow you to monitor VM capacity and send alerts to the operations team.

Keeps virtual machines close together, for the fastest communication between them

Can manage groups of virtual machines as one unit

**Physically and logically separates virtual machines so that if one goes down, the others do not go down.**

**Question 18:**

**With Azure public cloud, anyone with a valid credit card can sign up and get services immediately (subject to the usual country restrictions of course).**

**True**

False

**Question 19:**

**True or False: Azure charges for bandwidth used <b>inbound<b> to Azure.**

True

**False**

**Question 20:**

**What benefit does Azure Scale sets provide when it comes to virtual machines in Azure?**

**Can manage groups of virtual machines as one unit.**

Allows you to monitor VM capacity and send alerts to the operations team.

Keeps virtual machines close together, for the fastest communication between them.

Physically separates virtual machines so that if one goes down, the others do not go down.

**Question 21:**

**Which of the following services would NOT be considered Infrastructure as a Service?**

**Azure Functions App**

Virtual Machine

Virtual Network Interface Card (NIC)

Virtual Network

**Question 22:**

**True or False: Azure is a public cloud, and has no private cloud offerings**

**False**

True

**Question 23:**

**What Azure resource allows you to evenly split traffic coming in and direct it to several identical virtual machines to do the work and respond to the request?**

**Load Balancer or Application Gateway**

Virtual Network

Azure Logic Apps

Azure App Services.

**Question 24:**

**What Azure tool gives you the ability to manage multiple subscriptions into nested hierarchies?**

Azure Active Directory

RBAC

Resource Groups

**Management Groups**



**Question 25:**

**What is Single Sign – On?**

When an application outsources (federates) its identity service to a third – party platform

When you sign into an application, it remembers who you are the next time you go there

**The ability to log in once and use the existing user Id and password to sign in other applications, and not have to create/memorize a new role**

**Question 26:**

**Which Azure Service gives you access to your own personalized Window 10 or 11 desktop machine in the cloud, so that you can access your work files and applications wherever you go from any device?**

Private Link

Azure App Services

Virtual Private Network

**Azure Virtual Desktop**

**Question 27:**

**Which of the following are examples of Azure Sovereign Regions?**

**Azure China**

**Azure US Government**

Azure Brazil

Azure South Africa

**Question 28:**

**True or False: Azure PowerShell scripts and Command Line Interface (CLI) scripts are entirely compatible with each other?**

True

**False**

**Question 29:**

**What are Azure Availability Zones?**

A folder structure in Azure in which you organize resources like databases, virtual machines, virtual networks, or almost any resource

**A feature of Azure that allows you to manually specify into which data center your virtual machines are placed, which allows you to achieve higher availability than any other option**

This is the same as a region

Within each individual data center, certain racks of servers have been architected by Azure to have higher uptime than the others. If you place your apps onto this rack, you'll get higher uptime than if you let Azure do it.

**Question 30:**

**What is the purpose of Azure Blueprints?**

A standard created specifically for building architects and the housing industry working within the cloud

Allows you to manage a group of existing subscriptions in a nested fashion

Allows you to create new resources based on a pre – defined template for consistency and fewer errors.

**Allows you to create new subscriptions that already have policies, roles, resource groups, and ARM templates**

**Question 31:**

**Which of the following is the best approach when you need to copy large amount of files between two Azure Storage accounts?**

Storage Explorer

Download the files to your local machine and upload them to the new account

Use Azure API programmatically

**AzCopy**

**Question 32:**

**Which feature within Azure collects all of the logs from various resources into a central dashboard, where you can run queries, view graphs, and create alerts on certain events?**

**Azure Monitor**

Azure Portal Dashboard

Azure Security Center

Storage Account or Event Hub

**Question 33:**

**What types of resources are defined as <b>compute resources</b>?**

All resources that are listed in the Azure Marketplace

Only Virtual Machines

**Resources that perform some type of task that requires CPU cycles to perform the work**

**Question 34:**

**What are Resource Groups in Azure?**

**A folder structure in Azure in which you organize resources like databases, virtual machines, virtual networks, or almost any resources**

Automatically assigned groups of resources that all have the same type (virtual machine, app service, etc)

Within the Azure security model, users are organized into groups, and those groups are granted permissions to resources

Based on the tag assigned to a resource by the deployment script, it is assigned to a group

**Question 35:**

**It can be said that most services in Azure have a public endpoint by default. What is a public endpoint?**

Provides you a static IP address for which the outside world can use to communicate with your application

Provides you a static IP address from which your application always uses to communicate with the outside world

**Enables access to your data or application from outside the virtual network**

Block access to your application and data from inside Azure

**Question 36:**

**Which Azure technology allows you to log in to Azure Active Directory device or application using your face, a PIN code, or a gesture instead of having to type a password?**

AD Conditional Access

Microsoft Defender for Cloud

Multi – factor Authentication

**Passwordless.**

**Question 37:**

**What effect does using a “read only” resources lock on a Azure Storage Account have?**

The data on the storage account cannot change

A resource lock has no affect on a storage account

Only admin users can update the contents of the storage account

**The storage account cannot have its properties altered but it doesn't affect the data itself**

**Question 38:**

**What is a core principle of Zero Trust?**

Require users to change their password frequently

Don't store credit cards and other critical data in the cloud

**Assume your network has been breached already**

Required users to log in every session

**Question 39:**

**Which of the following Azure Resources are required in order to have a virtual machine? Only choose services that are required, not ones that are optional.**

**Virtual Network**

**Network Interface Card (NIC)**

Public IP address

**Storage Account**

**Question 40:**

**What feature of a system makes it elastic?**

The ability to withstand denial of service attacks

The ability of it to stay up (available) while updates are being made to the system

**The ability of it to add and reduce capacity based on actual demand**

The ability to heal itself after a crash

**Question 41:**

**What type of document does the Microsoft Service Trust Portal provide?**

Specific recommendations about your usage of Azure and ways you can improve

**A list of standards that Microsoft follows, pen test results, security assessments, white papers, fags, and other documents that can be used to show Microsoft's compliance efforts**

Documentation on the individual Azure services and solutions

A tool that helps you manage your compliance to various standards

**Question 42:**

**What operating systems does Microsoft supply Azure Virtual Machine Images for?**

Windows, Linux and MacOS

macOS

Linux

Windows

**Windows and Linux**

**Question 43:**

**How does Multi – Factor Authentication make a system more secure?**

It doesn't make it more secure

It allows the user to log in without a password because they have already previously been validated using a browser cookie

It is another password that a user has to memorize, making it more secure

**It requires the user to have access to an additional device for identity verification**

**Question 44:**

**True or False: you can create your own policies if built – in Azure Policy is not sufficient to your needs**

**True**

False

**Question 45:**

**Which of the following are factors in Total Cost of Ownership? Choose all that apply.**

**Real estate costs**

**Salary costs of employees managing the servers**

**Cost to access the Internet**

**Cost of electricity**

**Question 46:**

**Which tool within the Azure Portal will make specific recommendations based on your actual usage for how you can improve your use of Azure?**

Azure Monitor

Azure Dashboard

**Azure Advisor**

Azure Service Health

**Question 47:**

**What is Azure's preferred Identity/authentication service?**

Facebook Connect

Network Security Group



## Azure Active Directory

Live Connect

### Question 48:

Which of the following elements is considered part of the **permitted** layer of security?

#### Use a firewall

Separate servers into distinct subnets by role

Keep operating systems up to date with patches

Locks on the data center doors

### Question 49:

True or False: You cannot have more than one Azure subscription per company

#### False

True

### Question 50:

True or False: Azure Cloud Shell allows access to the CLI and PowerShell consoles in the Azure Portal

False

#### True

## Practice Test 1

### Question 1:

It is possible to deploy Azure resources through a Tablet by using Bash in the Azure Cloud Shell

Yes

No

### Question 2:

Resources don't inherit the tags you apply to a resource group or a subscription

Yes

No

### Question 3:

Suppose the lead architect in your company has asked your team to implement a PaaS based solution in Azure for a quick Proof-of-Concept (POC) to senior management. One of your colleagues goes ahead and creates an Azure App Service and 3 Azure Virtual machines

Yes

No

Commented [dp2]:

Commented [dp3]: Suppose: giả sử

Commented [dp4]: Proof: bằng chứng

**Question 4:**

**A resource group can contain resources from multiple Azure regions.**

No

**Yes**

**Question 5:**

**\_\_\_\_\_ offers fully managed files shares in the cloud that are accessible via the industry standard Server Message Block (SMB) protocol or Network File System (NFS) protocol. This means it can be used to completely replace or supplement traditional on – premises file servers or NAS devices.**

Azure Blob Storage

Azure Data Lake Storage

**Azure Files**

Azure SQL Database

**Question 6:**

**Which of the following is a distributed network of servers that can efficiently deliver web content to users?**

Azure Logic Apps

**Azure Content Delivery Network**

Azure Application Gateway

Azure Virtual Network

**Question 7:**

**Which of the following services can help you:**

**Assign time – bound access to resources using start and end dates**

**Enforce multi – factor authentication to activate any role**

Azure DDoS Protection

Azure Advanced Threat Protection (ATP)

**Azure Privileged Identity Management**

Azure Security Center

**Question 8:**

**Which of the following services would you help achieve the followings:**

- 1) Create and manage a group of load balanced VMs.**
- 2) Provide high availability and application resiliency by distributing VMs across availability zones**
- 3) Allows your application to automatically scale as resource demand changes**

Azure Resource Groups

Azure Subscriptions

Azure Region Pairs

## Azure Scale Sets

### Question 9:

\_\_\_\_\_ is an agreement with Microsoft to use one or more Microsoft cloud platform or services, for which charges accrue based on either a per – user license fee or on cloud – based resource consumption

A Resource Group

A License

## A Subscription

A User Account

### Question 10:

The \_\_\_ is a regulation in EU law on data protection and privacy in the European Union and the European Economic Area

American National Standards Institute (ANSI)

## General Data Protection Regulation (GDPR)

International Organization for Standardization (ISO)

Center for Internet Security (CIS)

### Question 11:

Suppose the lead architect in your company has asked your team to implement a PaaS based solution in Azure for a quick Proof – of - Concept (POC) to senior management. One of your colleagues goes

Commented [dp5]: Regulation: quy định

ahead and creates an Azure Logic App and an Azure Data Factory deployment.

Would you agree with this implementation?

No

**Yes**

**Question 12:**

Which of the following services provides a personalized view of the health of the Azure services, regions, and resources you rely on?

Azure Advisor

Azure Monitor

**Azure Service Health**

Azure Resource Health

**Question 13:**

A hacker group recently attacked your video streaming website and all your resources were exhausted and unavailable to your users. What can you do to prevent this type of attack in the future?

Use an Azure Firewall

Use Azure Virtual Networks

**Use Azure DDoS protection**

Use a Network Security Group

**Question 14:**

Which of the following affect costs in Azure? (Choose 2)

Availability Zone

Knowledge center usage

**Instance size**

**Location**

**Question 15:**

**Your company plans to deploy multiple Virtual Machines in Azure. As the lead architect, you must ensure that all these virtual machines are available if a single data center fails**

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

**Would this solution meet the goal?**

No

**Yes**

**Question 16:**

**During live telecasts of football matches, streaming platforms sometimes experience massive spikes in viewer ships and users visiting their websites when a goal is scored. Which of the following would be beneficial to deal with such expected demand of resources?**

Kubernetes

Virtual Machines

Containers

**Serverless Computing**

**Question 17:**

You are the senior architect of XYZ organization and the senior management has requested to migrate all on – prem resources to the cloud

The requirement is that only Platform as a Service (PaaS) solutions must be used in Azure.

Solution: To begin with, you create an Azure App Service and Azure SQL databases.

Would this meet the goal?

No

**Yes**

**Question 18:**

One of the teams in your company is looking for a solution for collecting, analyzing, and potentially taking action based on the metric and logging data from your entire Azure and on – premises environment.

Which of the following would you recommend?

**Azure Monitor**

Azure Advisor

Commented [dp6]: Potentially: có tiềm năng



Azure Insights

Azure Logs

**Question 19:**

**Your company has explored some of the services in Azure Public preview. One of architects working in your team has advised to deploy mission critical services/applications to these services. Do you agree?**

**No**

Yes

**Question 20:**

**A client of your is a content creator and would like to be notified via Email whenever their course is purchased. Which of the following solutions would be best suited for this automation?**

A Server image in Azure Marketplace

An API app

A Web app

**A Logic app**

**Question 21:**

**One of the definitions of the Hybrid cloud model is to use multiple Public Clouds in conjunction with a Private Cloud.**

No

**Yes**

**Question 22:**

**You are tech startup owner and would like to migrate your self hosted apps and services to Azure.**

**Which of the following is an advantage of the Public Cloud that you'll realize thanks to the migrate?**

Your organization can customize its cloud environment to meet specific business needs.

**Near unlimited scalability as on – demand resources are available to meet your business needs.**

Resources are not shared with others, so higher levels of control and privacy are possible.

Peace of mind that Azure will send over hardware for you to store in your warehouse.

**Question 23:**

**You have managed an app that you developed and deployed On – Prem for a long time, but would now like to move it to Azure and be relieved of all the manual administration and maintenance. Which of the following buckets would be most suitable for your use case?**

Database as a Service (DaaS)

Software as a Service (SaaS)

### **Platform as a Service (PaaS)**

Infrastructure as a Service (IaaS)

#### **Question 24:**

**Deleting a resource group deletes all the resources inside it as well**

No

**Yes**

#### **Question 25:**

**Azure virtual machines (VM) are classified as which of the following offerings?**

**Infrastructure – as – a – Service (IaaS)**

Platform – as – a – Service (PaaS)

Software – as – a – Service (SaaS)

Database – as – a – Service (DaaS)

#### **Question 26:**

**Your organization has an on – premises infrastructure. The requirement from senior management is to migrate everything to the cloud**

**What would you as an advisor recommend to deal with an unexpected Azure outage in a data center / Availability Zone?**

**Fault Tolerance**

Using cheap resources to lose lesser money

Scalability

Elasticity

**Question 27:**

**Which of the following can be used to manage your Azure Resources from an iPhone?**

**Azure Portal**

**Azure Mobile App**

Windows PowerShell

Azure CLI

**Azure Cloud Shell**

**Question 28:**

**Which of the following statements is accurate?**

**If you want to migrate a website that is hosted On – Prem at the moment to Azure, one of the clear benefits is the Pay – As – You – Go – Pricing that comes with Azure.**

**The given statement is correct**

This is not true, we first need to pay to transfer all the website data to Azure

This is not true. You need a VPN to complete the migration which will cost a lot.

This is not true, a website hosted on Azure will be costlier as its charged by the second.

**Question 29:**

**One of the primary benefits of using an Azure Key Vault is \_\_\_\_**

Too see and stop threats before they cause harm

**Key Management**

Automatically masking sensitive information

Enforcing organizational standards and to access compliance at – scale

**Question 30:**

**When computing and processing demand increases beyond an on – premises datacenter’s capabilities, businesses can easily use the \_\_\_\_ cloud to instantly scale capacity up or down to handle excess capacity**

Private

**Public**

**Question 31:**

**Which of the following Azure Support Plans grants access to:**

- 1) 24x7 Access to Support Engineers via email and phone**
- 2) Training in the form of webinars from Azure experts**
- 3) Access to the Support API**

Developer

**Professional Direct**

Basic

Standard

**Question 32:**

**We get total control of the underlying Operating System when working with Platform As a Service (PaaS) solutions**

**No**

Yes

**Question 33:**

**You've been asked by senior management to prepare a presentation describing not only the benefits, but also the estimated cost savings you can realize by migrating your workloads to Azure. As the lead architect, which service would you use for these calculations?**

**Azure TCO calculator**

Azure Advisor

Azure cost Management

Azure Monitor

**Question 34:**

**You have dozens of Virtual Machine (VM) hosted in Azure. The lead architect has asked for your suggestions to migrate all the VMs to an**

**Commented [dp7]:** Dozens: hàng chục

Azure pay – as – pay – you – go subscription. Which expenditure model would apply to the stated requirement?

Fault Tolerant

Scalable

Capital

**Operational**

Commented [dp8]: Fault tolerant: khả năng chịu lỗi

Question 35:

When you as a consumer are implementing a Software as a Service (SaaS) solution, you are responsible for **configuring high availability**

*Infrastructure : Review the bolded text. If the statement is already correct, select “No change is needed”. If the statement is incorrect, choose the option below that would make the statement correct.*

Commented [dp9]: Statement: câu lệnh

**Configuring the SaaS solution**

No change is needed

Installing the SaaS solution

Creating a resource group

Question 36:

Power BI can access **infrequently** used data from which of the following?

Commented [dp10]: Infrequently: không thường xuyên

Azure Cosmos DB

**Azure SQL Data Warehouse**

Azure PostgreSQL

## Azure Data Lake

### Question 37:

When you create a resource group, you need to provide a location for that resource group

No

Yes

### Question 38:

You can significantly reduce costs (up – to 72%) as compared to pay – as – you – go pricing by \_\_\_\_

Provisioning a lot of resources

Using Reserved Instances

Using the free tier

Not using a lot of resources

### Question 39:

Which of the following services allows you to send events generated from Azure resources to applications?

## Azure Event Grid

Azure App Service

Azure Cognitive Services

Azure Event Hub

### Question 40:

A resource can belong to more than one resource group

Commented [dp11]: Significantly: đáng kể

Commented [dp12]: Reserved instances: phiên bản dành riêng



No

Yes

#### Question 41:

Which of the following Azure storage solutions meets ALL the following requirements:

- 1) The ability to handle unstructured data (document, graph, key – value)
- 2) Automatically index all data, regardless of the data model
- 3) Multi – region writes and data distribution to any Azure region

Commented [dp13]: Regardless: bất kể

Azure Database for MariaDB

Azure SQL Database

Azure Files

Azure SQL Edge

Azure Cache for Redis

**Azure Cosmos DB**

#### Question 42:

An organization would like to create a web app to allow its employees to enter their vacation / time – off details and then

Commented [dp14]: Vacation: kỳ nghỉ

store that information in a backend storage solution. They have noted that Python is their preferred language.

As the lead consultant, which service would you recommend?

Azure Cosmos DB

**Azure App Service**

Azure Kubernetes

Azure Functions

**Question 43:**

For industries that work with highly sensitive data, such as banking, finance, government, and healthcare, \_\_\_\_\_ cloud may be their best cloud option

Public

Private

**Hybrid**

**Question 42:**

All resource types support Tags in Azure.

**No**

Yes

**Question 45:**

Which of the following is a server – less solution that allows you to write less code, maintain less infrastructure, and save on costs?

Azure DevOps

Commented [dp15]: Sensitive: nhạy cảm

Azure Logic Apps

Azure App Service

**Azure Functions**

**Question 46:**

\_\_\_\_\_ is the mission – critical cloud, delivering breakthrough innovation to US government customers and their partners. Only US federal, state, local, and tribal governments and citizens.

Azure US

Azure United States

**Azure Government**

Azure Nation

**Question 47:**

Which set of security standards in Azure relates to cardholder data?

ISO

**PCI DSS**

FedRAMP

HIPPA

**Commented [dp16]:** Mission: nhiệm vụ

**Commented [dp17]:** Breakthrough: đột phá

**Commented [dp18]:** Innovation: sự đổi mới

**Commented [dp19]:** Federal: chính phủ

**Commented [dp20]:** State: tiểu bang

**Commented [dp21]:** Tribal: địa phương

**Commented [dp22]:** Cardholder: chủ thẻ

**Question 48:**

Data in an Azure storage account is replicated 3 times in the primary region

**Yes**

No

Commented [dp23]: Replicated: nhân rộng

**Question 49:**

Which of the following displays personalized recommendations for all your subscriptions, and you can use filters to select recommendations for specific subscriptions, resource groups, or service?

Azure Service Health

**Azure Advisor**

Azure Arc

Azure Monitor

**Question 50:**

Permissions are by default inherited by all resources residing in a resource group

**Yes**

No

Commented [dp24]: Residing: nằm trong

**Question 51:**

**When should you scale out your deployment?**

When you want to reduce the unused capacity of your system

When you need a stronger CPU to make your application run faster

When you need to reduce your cost of operation

**When you need additional Virtual Machines / computers to speed up your application**

**Question 52:**

**What is the present maximum capacity for storage accounts?**

2 PB

**5 PB**

750 TB

500 TB

**Question 53:**

**You plan to create a Netflix like streaming service and would like to serve video content to users worldwide. Which of the following would help you deliver the best possible service with least latency?**

**A content delivery network (CDN)**

An Azure Virtual Network NAT

An Azure Load Balancer

An Azure ExpressRoute circuit

Commented [dp25]: Serve: cung cấp

**Question 54:**

**Which of the following statements is True?**

You have a mission critical deployment on the Azure cloud consisting of an Azure SQL Database that has a Service Level Agreement (SLA) of 99.99 percent and a Web App that has an SLA of 99.95 percent.

**Commented [dp26]:** Consisting: bao gồm

**The composite SLA for the application is the product of both SLAs, which equals 99.94 percent.**

**Commented [dp27]:** Composite: tổng hợp

The composite SLA for the application is the lowest SLA associated to the application, which is 99.95 percent.

The composite SLA for the application is the highest SLA associated to the application, which is 99.99 percent.

**The given statement is correct without any changes needed**

The composite SLA for the application is the difference between the two SLAs, which is 0.05 percent

**Question 55:**

**Which of the following services can automatically sign users in when they are on their corporate devices and connected to your corporate network?**

Password Auth

**Single – Sign – On (SSO)**

Multi – Factor Authentication (MFA)

Azure Sentinel

**Question 56:**

**Which of the following services provides information about Azure service incidents, planned maintenance and can notify you of issues via Email, SMS and push notifications?**

Azure Trust Portal

**Azure Service Health**

Azure Initiatives

Azure Monitor

**Question 57:**

**Inter – Region transfer of data is always free of cost**

**No**

Yes

**Question 58:**

**Which of the following can you use to implement strict governance and ensure that the right people have access to the right resources, and only when they need it.**

Microsoft Defender for Cloud

Microsoft Sentinel

**Azure Active Directory**

Azure Bastion

**Question 59:**

**Select the characteristics of the Public Cloud from the following:**

Hardware must be purchase for start – up and maintenance.

Organizations are responsible for hardware maintenance and update

**Applications can be quickly provisioned and deprovisioned**

**No capital expenditure to scale up**

Unsecured connections

**Metered pricing**

**Question 60:**

**If you assign permissions to a resource group, all the resources inside it inherit these permissions**

No

**Yes**

Commented [dp28]: Không tốn vốn



## Practice Test 2

### Question 1:

Suppose the lead architect in your company has asked your team to implement a PaaS based solution in Azure for a quick Proof – of – Concept (POC) to senior management. One of your colleagues goes ahead and creates an Azure Event Hubs and Azure Blob Storage.

Would you agree with this implementation?

**No**

Yes

### Question 2:

Azure HDInsight an example of a Software as a Service (SaaS) offering

Yes

**No**

**Question 3:**

**Choose 3 components of Azure SLAs:**

Usage Targets

**Service Credits**

**Uptime and Connectivity Guarantees**

**Performance Targets**

**Question 4:**

**A resource can connect to resources in other resource groups.**

No

**Yes**

**Question 5:**

**A SaaS solution allows access to the underlying Operating System of the application.**

**No**

Yes

**Question 6:**

**In order to move a VM from one subscription to another, it must first be stopped.**

**No**

Yes

Commented [dp29]: Dé

#### Question 7:

Your compliance team has contacted you and stated that a certain VM running a mission critical database (with confidential data) should not be able to connect to other application and VMs. How would you accomplish this?

Commented [dp30]: Confidential: bí mật

Commented [dp31]: Accomplish: thực hiện, hoàn thành

Deploy the VM to a brand new resource group

Use an Azure Load Balancer

No need to do anything as a VM cannot communicate with other services.

**Deploy the VM to a certain subnet and restrict traffic using a Network Security Group (NSG).**

#### Question 8:

Is there a default spending limit for the Azure Free account?

**Yes**

No

**Question 9:**

**It's possible to deploy an Azure VM from an Ubuntu system by using PowerShell in the Cloud Shell.**

**Yes**

No

**Question 10:**

**Which of the following would you need to set up alerts to outages or when autoscaling is about to deploy new instances?**

Azure Bastion

Azure Advisor

Azure Service Health

**Azure Monitor**

**Question 11:**

**If you setup a free Azure account, the does the Standard support plan come along with this free account?**

**No**

Yes

**Question 12:**

**Commented [dp32]:** Outages: ngừng hoạt động mã điện

It is possible to run a PowerShell module **directly** from a Windows computer with Azure PowerShell installed?

Commented [dp33]: Directly: trực tiếp

No

**Yes**

**Question 13:**

Azure Active Directory can restrict access attempts to only those coming from known devices.

**True**

False

**Question 14:**

Select the option that is **FALSE** for Resource Groups

The resource in a resource group can be located in different regions than the resource group

Resources may be moved from one resource group to another.

**Resource groups can be nested.**

You can deploy up to 800 instances of a resource type in each resource group.

You can add or remove a resource to a resource group at any time

A resource can only belong to one resource group

**Question 15:**

Which of the following services would use to embed the ability to see, hear, speak, search, understand, and accelerate decision –

**making into your apps without having any machine – learning expertise?**

Azure Machine Learning Studio

Azure Event Hub

Azure App Service

**Azure Cognitive Services**

**Question 16:**

**Which Azure Service allows you to create, assign and manage policies to enforce different rules and stay compliant with your Service Level Agreements (SLAs)?**

Azure Trust Portal

Azure Blueprints

**Azure Policy**

Azure Security Center

**Question 17:**

**Azure HDInsight can be used to run popular open – source frameworks including Apache Hadoop, Spark, Hive, Kafka, and more for open – source big data analytics**

**Yes**

No

**Question 18:**

**Which of the following services can help you decouple components and asynchronous message storage, for communication between, application components, whether they are running in the cloud, on the desktop, on – premise, or mobile devices?**

Azure Asynchronous Communicator

**Azure Queue Storage**

Azure Data Box

Azure File Sync

**Question 19:**

**If you have a Delete lock on a resource and attempt to delete its resource group, all resources inside the resource group still get deleted**

**No**

Yes

**Question 20:**

**Suppose the lead architect in your company has asked your team to implement a PaaS based solution in Azure for a quick Proof – of – Concept (POC) to senior management. One of your colleagues goes ahead and creates an Azure SQL Database and an Azure Load Balancer.**

**Would you agree with this implementation?**

**No**

Yes

**Question 21:**

A company has approached you to help them plan an architecture, that would be capable of capturing data from millions of connected devices and securely storing them for analysis. Which of the following two services would you include in the project proposal?

Azure ExpressRoute

**Azure IoT Hubs**

Azure Notification Hubs

**Azure Data Lake**

Commented [dp34]: Approached: tiếp cận

Commented [dp35]: Capturing: bắt được, thu thập

**Question 22:**

Where can you obtain up – to – date details about the personal data Microsoft processes, how it processes it and for what purposes?

Azure Trust Center

Compliance Manager

Azure Knowledge Center

**Microsoft Privacy Statement**

Commented [dp36]: Obtain: được

**Question 23:**

Your manager has asked you to recommend an Azure Service that can be used to securely manage and store certificates for your teams services. Which of the following would you recommend?

**Azure Key Vault**



Azure Active Directory

Azure Bastion

Azure Confidential Ledger

**Question 24:**

**A startup has deployed a set of Virtual Machines which are critical for their day – to – day operations. They need to ensure their availability even if a single data center goes down.**

Commented [dp37]: A set of: 1 tập hợp

One of their interns has suggested that deploying the VMs through a Scale Set would solve the problem. Do you agree?

**No**

Yes

**Question 25:**

**Azure Advisor has the ability to provide recommendations for Azure ExpressRoute**

No

**Yes**

**Question 26:**

**Which of the following is NOT a cost saving solution?**

Use Azure Reserved Virtual Machine instances

Using a Pay as you go Subscription

Choosing an appropriate instance type for a VM

**Load balance your virtual machines to manage incoming traffic**

**Question 27:**

You have managed an App that you developed and deployed On – Prem for a long time, but would now like to move it to Azure and be relieved of all the manual administration and maintenance. Which of the following buckets would be most suitable for your use case?

Infrastructure as a Service (IaaS)

**Platform as a Service (PaaS)**

Software as a Service (SaaS)

Database as a Service (DaaS)

**Question 28:**

Which of the following service can facilitate the deployment and scaling of containers?

Azure Logic Apps

Azure Active Directory

**Azure Kubernetes**

Azure Cognitive Services

**Question 29:**

Which of the following does not affect costs in Azure?

Location

Resource Type

Resource usage

Commented [dp38]: Facilitate: tạo điều kiện

Instance Size of VMs

Tags

Question 30:

Select the three types of storage tiers for Azure Blob Storage?

Cold Tier

Infrequently Accessed Tier

Archive Storage Tier

Deep Sleep Tier

Hot Tier

Question 31:

Which of the following statements BEST describes the Modern Lifecycle Policy for Azure products and services?

For products and services governed by the Modern Lifecycle Policy, unless otherwise noted, Microsoft's policy is to provide a *minimum 120 day's* notification when customers are required to take action in order to avoid significant degradation to the normal use of the product or service.

**For products governed by the Modern Lifecycle Policy, Microsoft will provide a minimum of 12 month's notification prior to ending support if no successor product or service is offered – excluding free services or preview releases.**

For products governed by the Modern Lifecycle Policy, Microsoft will provide a minimum of 6 month's notification prior to ending support

if no successor product or service is offered – excluding free services or preview releases.

For products and services governed by the Modern Lifecycle Policy, unless otherwise noted, Microsoft's policy is to provide a minimum 90 day's notification when customers are required to take action in order to avoid significant degradation to the normal use of the product or service.

**Question 32: With Azure \_\_\_\_, you can scale your applications and create highly available services**

Information protection

Bastion

**Load Balancer**

Kubernetes

**Question 33:**

**Azure \_\_\_\_ are unique physical buildings – located all over the globe – that house a group of networked computer servers.**

**Datacenters**

Geographies

Availability Zones

Regions

**Question 34:**

**Which of the following can you use to filter traffic to and from an Azure Virtual Network?**

Azure Advanced Threat Protection (ATP)

### **Azure Network Security Group**

Azure DDoS Protection

Azure Firewall

#### **Question 35:**

**Each Azure Subscription can trust multiple Active Directories?**

True

**False**

#### **Question 36:**

**The private preview phase for a service includes formal support.**

**No**

Yes

#### **Question 37:**

**You plan to provision Infrastructure as a Service (IaaS) resources in Azure.**

**Which of the following is an example of IaaS in Azure?**

Azure HDInsight

Azure Machine Learning

**Azure Virtual Machine**

Azure Event Hubs

#### **Question 38:**

**Which of the following requires the greatest security effort on your part?**

Database as a Service (DaaS)

Software as a Service (SaaS)

**Infrastructure as a Service (IaaS)**

Platform as a Service (PaaS)

**Question 39:**

**As a consultant, which of the following Locks would you recommend to an organization to prevent deletion or modification of mission – critical resource?**

**Read Only**

Can Not Change

Is Critical

Can not Modify

**Question 40:**

**The composite SLA for an application replying on multiple services would be higher than the individual SLAs of the particular services**

**No**

Yes

**Question 41:**

**An Azure subscription can trust multiple Azure Active Directory (Azure AD) tenants**

**No**

Yes

**Question 42:**

**A Platform as a Service (PaaS) solution that has already been deployed cannot be scaled up or out without re – deploying it.**

True

**False**

**Question 43:**

**Which of the following is a great place to start when examining the security of your Azure – based solutions and provides threat protection across all of your services both in Azure, and on – premises?**

Azure Advanced Threat Protection

**Azure Security Center**

Azure Trust Center

Azure Compliance Manager

**Question 44:**

**Every Azure region is composed of a set of datacenters**

No

**Yes**

**Question 45:**

**If you want to raise the limit or quota above the default limit, \_\_**

**Open an online customer support request at no charge**

Define a blueprint in Azure Blueprint to implement this change

Upgrade your support plan

Create an Azure policy defining this increase but it will be charged

**Question 46:**

**Azure guarantees 99.99% availability for the Free version of the Azure Active Directory (AAD)**

**No**

Yes

**Question 47:**

**An organization is planning to migrate large amounts of data from their On – Prem storage to Azure. However, they are worried of incurring huge costs for this transfer and have halted their plans for now.**

*is this assumption valid?*

Yes

**No**

**Question 48:**

**In a Private Preview, Azure invites all customers to take part in early access to new concepts and features.**

True

**False**

**Question 49:**

**Availability for all Azure services is calculated over a \_ billing cycle.**

Weekly

**Monthly**

Yearly

**Commented [dp39]:** Incurring: gánh chịu

**Commented [dp40]:** Huge: khổng lồ

**Commented [dp41]:** Halted: dừng lại



Quarterly

**Question 50:**

**A startup has deployed a set of Virtual Machines which are critical for their day – to – day operations. They need to ensure their availability even if a single data center goes down.**

**One of their interns has suggested that deploying these VMs to multiple resource groups would solve the problem. Do you agree?**

**No**

Yes

**Question 51:**

**Australia is composed of 1 single Azure Region**

**No**

Yes

**Question 52:**

**When you cancel an Azure Subscription, your resources are immediately deleted permanently to free up space**

**No**

Yes

**Question 53:**

**A startup is planning to run a few simulations and needs to deploy pre – configured Virtual Machines in a lab – like environment using ARM templates. These VMs will be used to test app versions and scale up load testing by creating multiple test agents and environments.**

**Commented [dp42]:** Immediately: ngay lập tức

**Commented [dp43]:** Permanently: vĩnh viễn

**As the principal consultant, which of the following services would you recommend?**

Azure Virtual Machine Scale Sets

**Azure DevTest Labs**

Microsoft Managed Desktop

Azure Reserved Virtual Machine (VM) instances

**Question 54:**

**\_\_\_ is capable of sending encrypted traffic between an Azure virtual network and an on – premises location over the public Internet**

A Firewall

An Application Gateway

Network Security Group (NSG)

**A VPN Gateway**

**Question 55:**

**Which of the following services is an Apache Spark – based analytics platform optimized for the Microsoft Azure cloud services platform?**

Azure Cognitive Services

Azure Bot Services

Azure Machine Learning Studio

**Azure Databricks**

**Question 56:**

**Which of the following would you use if you want to keep track of the performance or issue related to your specific VM or container instances, databases, your application?**

Azure Advisor

Azure Service Health

**Azure Monitor**

Azure Sentinel

**Question 57:**

**Is data transfer between Azure services located in two regions free?**

**No**

Yes

**Question 58:**

**In the case of Resource groups, the most restrictive lock in the inheritance takes precedence.**

**Yes**

No

**Question 59:**

**When a subscription expires, the trusted instance of the Azure AD service remains, but the security principals still maintain access to Azure resources**

**No**

Commented [dp44]: Precedence: ưu tiên

Yes

**Question 60:**

\_\_\_ enables a user to log in one time and use that credential to access multiple resources and applications from different providers.

**Single Sign On (SSO)**

Multi – factor Authentication

Domain Name Service (DNS)

PasswordLess

### **Practice Test 3**

**Question 1:**

**What is network latency?**

The maximum amount of data that can travel over the network

The cost incurred by the data travelling over the network

**The time it takes for data to travel over the network**

The distance the data travel over the network

**Question 2:**

Which of the following Azure Storage would you use to store different types of files such as videos, audios, text in a highly cost effective and scalable manner?

Commented [dp45]: Manner: cách, thái độ

Azure Cosmos DB

Azure SQL Database

Azure PostgreSQL

**Azure Blob Storage**

### Question 3:

Which of the following services meets both criteria?

- 1) Monitoring of traffic patterns 24 hours a day, 7 days a week, looking for indicators of attacks.
- 2) Detailed reports in five – minute increments during an attack, and a complete summary after the attack ends.
- 3) Engagement of a dedicated team for help with attack investigation and analysis.

Commented [dp46]: Indicators: chỉ số

Commented [dp47]: Engagement: sự tham gia

Azure Policies

**DDoS Protection**

A Network security group (NSG)

Azure Information Protection

**Question 4:**

**ExpressRoute connections go over the public Internet, and they offer more reliability, faster speeds, and lower latencies than typical Internet connections.**

**No**

Yes

**Commented [dp48]:** Typical: tương trưng, thông thường

**Question 5:**

**Suppose the lead architect in your company has asked your team to implement a IaaS based solution in Azure for a quick Proof – of – Concept (POC) to senior management. One of your colleagues goes ahead and creates an Azure Virtual Network and 3 Azure Virtual machines**

**Would you agree with this implementation?**

**Yes**

No

**Question 6:**

**Which of the following is the mission – critical cloud deployment available only to US Federal, State, Local and Tribal Governments and their partners?**

ISO

**Azure Government**

Azure Nation

Azure Federal

**Question 7:**

**You can link virtual networks together by using \_\_**

Virtual Network Seeding

Virtual Network Hub

**Virtual Network Peering**

Virtual Network Proxy

**Question 8:**

**A recent unapproved size change to one of the Virtual Machines (VMs) in your company has led to a huge unexpected bill. Which of the following services can help you identify the user who made this unapproved change?**

**Azure Activity Log**

Azure Event Hubs

Azure Information Protection (AIP)

Azure Xamarin

Azure Service Health

**Question 9:**

Your streaming website experiences a burst of heavy traffic whenever you launch a new web – series, but relatively moderate traffic on other days. Which of the following would be a great benefit if you migrate your setup to Azure?

Commented [dp49]: Launch: khởi chạy

Commented [dp50]: Relatively: tương đối

Commented [dp51]: Moderate: vừa phải

**Elasticity**

Load Balancing

Low Latency

High Availability

**Question 10:**

You can use Azure DNS to buy a domain name.

**No**

Yes

**Question 11:**

Which Azure service should you use to correlate events from multiple resources into a centralized repository?

Commented [dp52]: Correlate: tương quan

Azure Blueprint

Azure Log Analytics

Azure Cosmos DB

**Azure Event Hubs**

**Question 12:**



A \_\_\_\_ can enable branch offices to share sensitive information between locations.

DNS

**VPN**

Bastion

Bridge

**Question 13:**

\_\_\_\_ notifies you about Azure service incidents and planned maintenance so you can take action to mitigate downtime.

Azure Chaos Studio

Azure Percept

Azure Health Bot

**Azure Service Health**

Commented [dp53]: Mitigate: giảm thiểu

Commented [dp54]: Downtime: thời gian chết

**Question 14:**

A team in your organization wants to implement a solution involving basic Artificial Intelligence (AI), but they have basic API and programming knowledge / background to implement this solution.

As an experienced Azure Architect. Which of the following would be your suggestion?

Azure Machine Learning Studio

Azure Active Directory

Azure DevOps

### Azure Cognitive Services

#### Question 15:

The members of your organization have been complaining about having to enter their password too many times which is frustrating. Moreover, users also tend to forget their passwords which leads to reset overhead. Which of the following services in Azure can help with this?

Azure Active Directory SeamlessAuth

Azure Arc

### Azure Active Directory PasswordLess

Azure ExpressRoute

Commented [dp55]: Frustrating: làm nản lòng

Commented [dp56]: Tend: khuynh hướng

#### Question 16:

Which Azure service should you use to store certificates?

Azure Security Center

### Azure Key Vault

Azure Information Protection

An Azure Storage account

#### Question 17:

**Your Azure account contains several policies and you wish to group / organize them. Which of the following can help you achieve this?**

Resource Groups

Azure Active Directory

Network Security Groups

**Initiatives**

**Commented [dp57]:** Initiatives: khả năng phân đoán

**Question 18:**

**Upon applying a Tag to a Resource Group, all Resources inside it inherit that Tag.**

Yes

**No**

**Question 19:**

**\_\_\_ is a command – line utility that you can use to copy blobs or files to or from a storage account.**

**AzCopy**

AzMigrate

AzMove

AzReplicate

**Question 20:**

**Azure Service Health allows us to define the critical resources that should never be impacted due to outages and downtimes.**

Yes

**No**

**Question 21:**

**It's possible to deploy a new Azure VM from a google Chromebook by using PowerAutomate.**

**No**

Yes

**Question 22: What is the maximum number of virtual network rules and IP network rules allowed per storage account in Azure?**

150

300

**200**

500

**Question 23:**

**Which of the following is the strongest way to protect sensitive customer data?**

**Encrypt the data both at rest and in transit.**

Don't store sensitive data at all.

Encrypt the data at rest.

Encrypt the data transit.

**Question 24:**

After taking a lot of courses and understanding cloud fundamentals, you've realized that migrating your business resources to Azure makes the most sense. Based on your understanding, which of the following would you need to create first?

**A subscription**

A resource lock

A resource group

A virtual network

**Question 25:**

\_\_\_ is the process of verifying a user's credentials.

Authorization

**Authentication**

Federation

Ticketing

**Question 26:**

It's possible to deploy an Azure VM from a MacOS based system by using which of the following options?

**Azure CLI**

**Azure CloudShell**

**Azure Portal**

**Azure PowerShell**

**Question 27:**

\_\_\_ devices can easily move data to Azure when busy networks aren't an option.

Azure Storage Explorer

Azure File Sync

**Azure Data Box**

Azure Migrate

**Question 28: You are the lead of a Data Science team at your organization, and your management wants to utilize cloud capabilities to modernize your work stream**

Commented [dp58]: Utilize: sử dụng

Commented [dp59]: Modernize: hiện đại hóa

What should the company use to build, test, and deploy predictive analytics solutions?

Azure Batch

**Azure Machine Learning Studio**

Azure Logic App

Azure App Service

**Question 29:**

**An Azure Firewall has the ability to encrypt data at rest as well as in transit.**

**No**

Yes

**Question 30:**

**You are looking to link resources together in your on – premises environment and within your Azure subscription but don't want**

the connection to travel over the internet. Which of the following can you use?

**Azure ExpressRoute**

Azure Bastion

Azure Site – to – Site VPN

Azure Point – to – Site VPN

Azure Sentinel

**Question 31:**

An Azure \_\_\_ is a connection between two Azure Regions within the same geographic region for disaster recovery purpose.

Commented [dp60]: Disaster: thảm họa

**Region Pair**

Region

Geography

Availability Zone

**Question 32:**

\_\_\_ is a hosting service for Domain Name System domains that provides name resolution by using Microsoft Azure Infrastructure.

Azure VPN Gateway

Azure ExpressRoute

**Azure DNS**

Azure Virtual Subnets

**Question 33:**

**Which of the following services allows you to easily run popular open source frameworks including Apache Hadoop, Spark, and Kafka for open source analytics?**

**Azure HDInsight**

Azure Data Lake Analytics

Azure Cosmos DB

Azure Cognitive Services

**Question 34:**

**A Network Security Group (NSG) has the ability to encrypt data at rest and in transit.**

**No**

Yes

**Question 35:**

**Which of the following enables centralizing your organization's file shares in Azure Files, while keeping the flexibility, performance, and compatibility of a Windows file server?**

**Azure File Sync**

Azure File Manager

Azure File Explorer

Azure File Storage



**Question 36:**

Azure Advisor provides a cloud score to access how well – architected your workloads are AND can also provide ‘Step – by – Step’ guidance and quick actions for fast remediation.

Commented [dp61]: Remediation: khắc phục

No

**Yes**

**Question 37:**

Azure \_\_ is an authorization system built on Azure Resource Manager that provide fine – grained access management to Azure resources.

**Role Based Access Control (RBAC)**

Resource Groups

Locks

Policies

**Question 38:**

For all cloud deployment types, you own your \_\_ and \_\_. You’re also responsible for their security.

**Data, identities**

Data, physical network

Information, network controls

Devices, operating system

**Question 39:**

**A(n) \_\_ lets you run legacy applications in the cloud that can't use modern authentication methods, or where you don't want directory lookups to always go back to an on – premises AD DS environment**

Azure Migrate deployment

**Azure Active Directory Domain Services**

Azure Single Sign On (SSO)

Azure Active Directory External identities

**Question 40:**

**\_\_ is a bridge that extends the Azure platform to help you build applications and services with the flexibility to run across datacenters, at the edge, and in multi cloud environment. It also simplifies governance and management by delivering a consistent multi – cloud and on – premises management platform**

**Azure Arc**

Azure Sentinel

Azure DNS

Azure Bridge

**Question 41:**

**Which tab of the Azure pricing calculator would you use to calculate your estimate?**

**Products**

Machines

Storage

Estimate

**Question 42:**

\_\_\_ is made up of one or more datacenters equipped with independent power, cooling, and networking. It is set up to be an **isolation boundary**. If one zone goes down, the other continues working

**Availability Zone**

Database racks

Region

**Commented [dp62]:** Isolation: cô lập

**Commented [dp63]:** Boundary: ranh giới

Scale Set

**Question 43:**

Azure Service Health has the ability to configure cloud alerts to notify you about active and upcoming service issues

**Yes**

No

**Question 44:**

Microsoft Azure services operated by \_\_\_ in China

Xiaomi

Alibaba

**21Vianet**

Morgan Stanley

Commented [dp64]: Upcoming: tích cực

**Question 45:**

The Azure Q/A forums is a paid service

**No**

Yes

**Question 46:**

Azure strives to ensure a minimum distance of \_\_\_ miles between datacenters in enabled regions, although it isn't possible across all geographies.

500

200

**300**

400

**Question 47:**

**\_\_\_ is a cloud – based platform for creating and running automated workflows that integrate your apps, data, services, and systems.**

**Azure Logic Apps**

Azure App Service

Azure Event Hub

Azure DevOps

**Question 48:**

**As the lead Security Engineer of your organization, you're worried that someone may mistakenly delete mission critical resources in Azure. What can you do to prevent this from accidentally happening?**

**Azure the CanNotDelete Lock on the resources**

User Azure ExpressRoute

Use Azure Monitor to define policies

Apply the DoNotTouch Lock on the resources

Use an Azure Virtual Subnet

**Question 49:**

**\_\_\_ is a set capabilities in Azure Active Directive (AAD) that enables organizations to secure and manage any outside user, including customers and partners**

External User Management

Sentinel

**External Identities**

External Profiles

**Question 50:**

**A startup has deployed a set of Virtual Machines which are critical for their day – to – day operations. They need to ensure their availability even if a single data center goes down**

**One of their interns has suggested that deploying these VMs using a Scale Set would solve the problem. Do you agree?**

**No**

Yes

**Question 51:**

**You require to seamlessly connect two Virtual Networks in Azure without a lot of hassle. Which of the following services would make sense to use?**

Virtual Network Connector

Virtual Network Integration Service

Virtual Network Subnets

**Virtual Network Peering**

**Question 52:**

**\_\_ copies your data synchronously three times within a single physical location in the primary region**

Worldwide Redundant Storage (WRS)

Geo – zone -redundant storage (GZRS)

Zone – redundant storage (ZRS)

**Locally redundant storage (LRS)**

**Question 53:**

**\_\_ copies your data synchronously across three Azure availability zones in the primary region. For applications requiring high availability**

Planet – redundant storage (PRS)

Locally redundant storage (LRS)

Geo – zone – redundant storage (GZRS)

## Zone Redundant Storage (ZRS)

Question 54:

\_\_\_ is a workflows – based risk assessment tool that helps you track, assign, and verify your organization's regulatory compliance activities related to Microsoft Cloud services.

Commented [dp65]: Regulatory: quy định

The TCO portal

## Compliance Manager from the Service Trust Portal

The Microsoft community Forums website

The Azure Arc Portal

**Question 55: Your company makes use of several SQL databases. However, you want to increase their efficiency because of varying and unpredictable workloads. Which of the following can help you with this?**

## Elastic Pools

Scale Sets

Resource Tags

Region Pairs

Question 56:

**Which of the following are valid Azure purchasing options?**

## Microsoft Partner

## Azure Website

Github website

## Microsoft representative



**Question 57:**

**Which of the following is a good usage of tags?**

Making business groups aware of cloud resource consumption requires IT to understand the resources and workloads each team is using

Using tags for data classification

To help identify the assets required to support a single workload.

**All of these**

Using Tags to quickly locate resources associated with specific workloads, environments, ownerships groups, or other important information

**Question 58:**

**Having a hybrid cloud solution in place could be useful when regulations or policies do not permit moving specific data or workloads to the cloud**

**Yes**

No

**Question 59:**

**A Resource can only access other resources in the same resource group**

Yes

**No**

**Question 60:**

Which of the following is a free tool to conveniently manage your Azure cloud storage resources from your desktop?

Commented [dp66]: Conveniently: thuận tiện

**Azure Storage Explorer**

Azure Migrate

Azure Data Box

Azure AzCopy

Azure FileAsync

### Practice Question Test 4

Question 1:

Someone in your organization accidentally deleted an important Virtual Machine that has led to huge revenue losses. Your senior management has tasked you with investigating who was

Commented [dp67]: Revenue: doanh thu

responsible for the deletion. Which Azure service can you leverage for this task?

Commented [dp68]: Leverage: tận dụng

**Azure Monitor**

Azure Advisor

Azure Service Health

Azure Event Hub

Azure Arc

**Question 2:**

\_\_\_ service is available to transfer on – premises data to Blob storage when large datasets or network constraints make uploading data over the wire unrealistic.

Commented [dp69]: Constraints: hạn chế

Commented [dp70]: Wire: dây

Commented [dp71]: Unrealistic: không thực tế

**Azure Data Box**

Azure Data Factory

Azure Blob Storage

Azure FileSync

**Question 3:**

Azure Cosmos DB is a *Software as a Service* (SaaS) offering from Microsoft Azure.

**No, it is a PaaS offering**

No, it is an IaaS offering

Yes, it is a SaaS offering

**Question 4:**

**In a Public Cloud model, you get dedicated hardware, storage, and network devices than the other organizations or cloud “tenants”.**

**No**

Yes

**Question 5:**

**Which of the following can help you manage multiple Azure Subscriptions?**

Resource Groups

Policies

**Management Groups**

Blueprints

**Question 6:**

**If your organization has many Azure subscriptions, which of the following is useful to efficiently manage access, policies, and compliance for those subscriptions?**

Azure Policy

Azure Blueprints

## Azure Management Groups

Azure Subscriptions

**Question 7:**

\_\_\_ allows you to implement your system's logic into readily available blocks of code that can run anytime you need to respond to critical events.

Commented [dp72]: Readily: sẵn sàng

Azure Quantum

Azure Application Insights

Azure Kinect DK

## Azure Functions

Azure Cognitive Services

**Question 8:**

It is possible to deploy a new Azure Virtual Network (VNet) using PowerAutomate on a Google Chromebook

Yes

No

**Question 9:**

\_\_\_ brings signals together, to make decisions, and enforce organizational policies. In simple terms, they are if – then statements, if a user wants to access a resource, then they must complete an action

Commented [dp73]: Signals: tín hiệu

Commented [dp74]: In simple terms: nói cách đơn giản

Logical Access

### **Conditional Access**

Demand Access

Active Directory Access

#### **Question 10:**

**Which of the following endpoints for a managed instance enables data access to your managed instance from outside a virtual network?**

### **Public**

External

Hybrid

Private

#### **Question 11:**

**\_\_\_ is a security framework that uses the principles of explicit verification, least privileged access, and assuming breach to keep users and data secure while allowing for common scenarios like access to applications from outside the network perimeter.**

Least Trust

Less Trust

No Trust

**Zero Trust**

**Question 12:**

The Microsoft \_\_ provides a variety of content, tools, and other resources about Microsoft security, privacy, and compliance practices.

Blueprints

Advisor

**Service Trust Portal**

Privacy Policy

**Question 13:**

You have managed a Web App that you developed and deployed On – Prem for a long time, but would now like to move it Azure and **relieved of all** the manual administration and maintenance. Which of the following buckets would be most suitable for your use case?

Software as a Service (SaaS)

Commented [dp75]: Relieved of all: loại bỏ tất cả

## Platform as a Service (PaaS)

Database as a Service (DaaS)

Infrastructure as a Service (IaaS)

### Question 14:

A(n) \_\_ in Azure Monitor monitors your **telemetry** and captures a signal to see if the signal meets the criteria of a preset condition. If the conditions are met, an alert is triggered, which **initiates** the **associated** action group.

Alert condition

Preset rule

Preset condition

## Alert rule

Commented [dp76]: Telemetry: từ xa

Commented [dp77]: Initiates: bắt đầu, khởi xướng

Commented [dp78]: Associated: liên quan

### Question 15:

Which of the following services can you use to calculate your estimated hourly or monthly costs for using Azure

## Azure Pricing Calculator

Azure Calculator



Azure Total Cost of Ownership (TCO) calculator

Azure Cost Management

**Question 16:**

**\_\_ lets you extend your on – premises networks into the Microsoft cloud over a private connection with the help of a connectivity provider.**

**Azure ExpressRoute**

Azure Virtual Network

Azure DNS

Azure Firewall

Azure Sentinel

**Question 17:**

**Your startup plans to migrate to Azure soon, but for all the resources, you would like control of the underlying Operating System and Middleware.**

**Which of the following cloud model would make the most sense?**

Platform as a Service (PaaS)

Anything as a Service (XaaS)

**Infrastructure as a Service (IaaS)**

Software as a Service (SaaS)

**Question 18:**

**As the Cloud Admin of your organization, you want to Block your employees from accessing your apps from specific locations. Which of the following can help you achieve this?**

Azure Sentinel

Azure Single Sign On (SSO)

**Azure Active Directory Conditional Access**

Azure Role Based Access Control (RBAC)

**Question 19:**

**Which of the following services can help applications absorb unexpected traffic bursts, which prevents servers from being overwhelmed by a sudden flood of requests?**

Azure Message Storage

Commented [dp79]: Absorb: hấp thụ

### Azure Queue Storage

Azure Decouple Storage

Azure Table Storage

#### Question 20:

**Which of the following is the foundation for building enterprise data lakes on Azure AND is built on top of Azure Blob Storage?**

Azure Data Lake Storage Gen1

Azure Data Lake Storage Gen4

### Azure Data Lake Storage Gen2

Azure Data Lake Storage Gen3

#### Question 21:

**Which of the following can repeatedly deploy your infrastructure throughout the development lifecycle and have confidence your resources are deployed in a consistent manner?**

Management Groups

The Azure API Management

### Azure Resource Manager templates

Azure Templates

#### Question 22:

**Which of the following can help you automate deployments and use the practice of infrastructure as code?**

Management Groups

Azure Arc

Commented [dp80]: Throughout: trong suốt

Commented [dp81]: Consistent: phù hợp

Commented [dp82]: Manner: thái độ

Commented [dp83]: Consistent manner: cách phù hợp

Commented [dp84]: Practice: thực tiễn

Azure IaaS

### ARM Templates

#### Question 23:

As the owner of a streaming platform deployed on Azure, you notice a huge spike in traffic whenever a new web – series is released but moderate traffic otherwise. Which of the following is a clear benefit of this type of workload?

High availability

Load balancing

High latency

### Elasticity

#### Question 24:

Which of the following is an Azure storage tier optimized for storing data that is rarely accessed, and that has flexible latency requirements?

Cool Tier

Hot Tier

Infrequent Tier

### Archive Tier

#### Question 25:

Is it possible for you to run BOTH Bash and PowerShell based scripts from the Azure Cloud shell?

### Yes

No

Commented [dp85]: Notice: để ý

Commented [dp86]: Spike: mũi nhọn

Commented [dp87]: Spike: tăng đột biến

Question 26:

It is possible to have multiple Subscriptions inside a Management Group.

Yes

No

Question 27:

Which of the following two storage solutions are built to handle NoSQL data?

Azure SQL Database

Azure NoSQL Database

Azure Table Storage

Azure Cosmos DB

Question 28:

All resources in a VNet can communicate outbound to the internet, by default

No

Yes

Question 29:

\_\_\_ is a strategy that employs a series of mechanisms to slow the advance of an attack that's aimed at acquiring unauthorized access to information. Each layer provides protection so that if one layer is breached, a subsequent layer is already in place to prevent further exposure.

Commented [dp88]: Strategy: chiến lược

Commented [dp89]: Mechanisms: cơ chế

Commented [dp90]: Aimed: nhằm vào

Commented [dp91]: Acquiring: mua lại, có được

Commented [dp92]: Subsequent: tiếp theo

Commented [dp93]: Exposure: phơi bày

Defense in Layers

Defense in Steps

Defense in Series

**Defense in Depth**

**Question 30:**

**Which of these approaches is NOT a cost saving solutions?**

Use Reserved Instances with Azure Hybrid

Making use of Azure Cost Management

**Load balancing the incoming traffic**

Use the correct and appropriate instance size based on current workload

**Question 31:**

**A \_ endpoint is a network interface that uses a private IP address from your virtual network.**

Hybrid

Public

Internal

**Private**

**Question 32:**

**When a blob is in the archive access tier, what must you do first before accessing it?**

Add it to a new resource group

Move it to File Storage

Modify its policy

**Rehydrate it**

**Question 33:**

**Which of the following provides support for key migration workloads like Windows, SQL and Linux Server, databases, data, web apps, and virtual desktops?**

Azure Advisor

**Azure Migrate**

Azure Suggestions

Azure Recommendations

**Question 34: Your colleague is looking for an Azure service that can help them understand how their applications are performing and proactively identify issues that affect them, AND the resources they depend on.**

**Commented [dp94]:** Proactively: chủ động

**What's your recommendation?**

Azure Advisor

Azure Comprehend

**Azure Monitor**

Azure Service Health

**Question 35:**

**An \_\_ is a collection of policy definitions that are grouped together towards a specific goal or purpose in mind.**

Azure Collection

**Azure Initiative**

Azure Bundle

Azure Group

**Question 36:**

**Azure DNS can manage DNS records for your Azure services, but cannot provide DNS for your external resources**

True

**False**

**Question 37:**

**You are the lead architect of your organization. One of the teams has a requirement to copy hundreds of TBs of data to Azure storage in a secure and efficient manner. The data can be ingested one time or an ongoing basis for archival scenarios.**

Commented [dp95]: Ingested: ăn vào, nhập

Commented [dp96]: Ongoing: đang diễn ra

**Which of the following would be a good solution for this use case?**

Azure Cosmos DB

Azure Data Lake Storage

Azure File Sync

**Azure Data Box**

**Question 38:**

**\_\_\_ enforcement is at the center of a Zero Trust architecture**

Applications

Devices

Identities



Data

Network

### Security policy

**Question 39: Which of the following is a Cloud Security Posture Management (CSPM) and Cloud Workload Protection Platform (CWPP) for all of your Azure, On – Premises, AND Multicloud (Amazon AWS and Google GCP) resources?**

Azure Sentinel

### Microsoft Defender for Cloud

Azure Front Door

Azure Key Vault

Azure DDoS Protection

**Question 40: Which of the following can you use to set spending thresholds?**

### Azure Cost Management + Billing

Azure Policy

Azure TCO

Azure Pricing Calculator

**Question 41:**

**Subscriptions can be moved to another Management Group as well as merged into one Single subscription**

Yes

No

Commented [dp97]: Posture: tư thế

Commented [dp98]: Thresholds: ngưỡng

Commented [dp99]:

Commented [dp100]: As well as: cũng như

**Question 42:**

**Which of the following can help you download cost and usage data that was used to generate your monthly invoice?**

Azure Monitor

Azure Resource Manager

Azure Advisor

**Azure Cost Management**

**Question 43:**

**Each zone is made up of one or more datacenters equipped with common power, cooling, and networking.**

True

**False**

**Question 44:**

**Azure Pay As you Go is an example of which cloud expenditure model?**

**Operational (OpEx)**

Capital (CapEX)

**Question 45:**

**When you cancel an Azure subscription, a Resource Lock can block the subscription cancellation.**

True

**False**

Commented [dp101]: Expenditure: chi phí

**Question 46:**

You've been planning to decommission your On – Prem database hosting Gigabytes of data. Which of the following is True about data ingress (moving into) for Azure?

It is charged \$0.05 per GB

**It is free of cost**

It is charged per hour of data transferred

It is charged \$0.05 per TB

**Question 47:**

Azure Cosmos DB is an example of a \_\_ offering

**Platform as a Service (PaaS)**

Serverless Computing

Infrastructure as a Service (IaaS)

Software as a Service (SaaS)

**Question 48:**

\_\_ asynchronously replicates the same applications and data across other Azure regions for disaster recovery protection.

**Cross – region replication**

Auto – Region Replicas

Commented [dp102]: Decommission: tan rã

Commented [dp103]: Replication: nhân rộng

Auto – Region Replication

Across – Region Replication

**Question 49:**

**Which service would you use to reduce the overhead of manually assigning permissions to a set of resources?**

**Azure Resource Manager**

Azure Trust Center

Azure Logic Apps

Azure Policy

**Question 50:**

**Each virtual network can have only one VPN gateway**

No

**Yes**

## Practice Question Test 5

### Question 1:

Which of the following can you use to calculate your estimated hourly or monthly costs for using Azure?

**Azure Pricing Calculator**

Azure CTO Calculator

Azure Cost Management

Azure Advisor

Azure Billing

### Question 2:

Select the valid options for pay for Azure? (Choose 3)

**Azure Website**

**Azure Partner**

**Microsoft Representative**

Microsoft Stores

Xbox Website

Any 3<sup>rd</sup> Party Vendor

**Question 3:**

**Your Cloud Security team is looking to block any access from untrusted sources, such as access from unknown or unexpected locations. Which of the following can they use?**

**Conditional Access**

Multifactor Authentication

Policies

Blueprints

Resource Locks

**Question 4:**

**Which of the following are free?**

**Data Ingress**

**Data transfer within the same region**

Data transfer from one region to another

**Data transfer within same Availability Zone**

**Question 5:**

**Which of the following is most flexible category of cloud services?**

**Infrastructure as a Service (IaaS)**

Software as a Service (SaaS)

Platform as a Service (PaaS)

**Question 6:**

Since your company has shifted to a fully – remote working model, they are looking to provide employees with the best virtualized experience while saving costs by using existing eligible Windows licenses. They also want to enable Bring your own device (BYOD) to access their desktop and applications over the Internet.

Which of the following would you suggest?

**Azure Virtual Desktop**

Azure Kubernetes

Azure Arc

Azure Virtual Machines

Azure File Sync

Azure ExpressRoute

**Question 7:**

\_\_\_ enables large – scale parallel and high – performance computing (HPC) batch jobs with the ability to scale to tens, hundreds, or thousands of VMs.

Azure Virtual Machines

**Azure Batch**

Azure Kubernetes

Azure Container Instances

Azure Parallel

**Question 8:**

**Which of the following Azure plans should you choose for Trial and non – production environment?**

**Developer**

Standard

Professional Direct

Premier

**Question 9:**

**Your \_\_ is your organization's ability to protect from and respond to security threats.**

**Security posture**

Security standard

Security response

Security blueprint

**Question 10:**

**A startup is looking to deploy a tool that monitors incoming and outgoing network traffic and decides whether to allow or block specific traffic based on a defined set of security rules. Which of the following would you recommend?**

**A Firewall**

A Hub

A Router

A Gateway



A Filter

A Resource Group

**Question 11:**

**A large organization plans to migrate all their On – Prem Virtual Machines to an Azure pay – as – you – go subscription. Which of the following expenditure models would this migration follow?**

**Operational**

Elastic

Capital

Scalable

**Question 12:**

**The Basic service tier is automatically enabled for free as part of your Azure subscriptions.**

**Yes**

No

**Question 13:**

**A company wants to deploy a set of Azure Virtual Machines and wants to understand their pricing. Which 2 of the following affect Virtual Machine (VM) costs in Azure?**

**The Size of the Virtual Machine (VM)**

**The Region the Virtual Machine is located in**

The Virtual Network the VM belongs to

The Resource group the VM belongs to

The branding of the VM

The Scale Set the VM belongs to

The Data Center the VM resides in

**Question 14:**

**You own a streaming – service website and notice extremely high spikes in traffic whenever a new movie is launched on your platform. However, during the rest of the month you experience moderate traffic.**

**Which of the following benefits does having your website hosted on Azure provide you given this scenario?**

Fault Tolerance

High Latency

**Elasticity**

Load Balancing

Auto - Rollovers

**Question 15:**

**Data that is stored in the Archive access tier of an Azure Storage account \_\_**

Can only be read by using Azure Instant Access

Must be recovered before the data can be accessed

**Must be rehydrated before the data can accessed**

Must be requested from Azure by calling the helpline.

**Question 16:**

**If you want to keep tabs on Azure itself, especially the services and regions you depend on, you should to choose\_\_\_\_**

Azure Monitor

Azure Advisor

Azure Arc

**Azure Service Health**

**Question 17:**

**When a company thinks of migrating to the public cloud (like Azure), which of the following expense gets reduced?**

**Capital Expense**

Operational Expense

Primary Expense

Secondary Expense

**Question 18:**

**Which of the following can you use to estimate the costs savings you can get by migration your workloads to Azure?**

**Azure TCO Calculator**

Azure Pricing Calculator

Azure Cost Management

Azure Advisor

**Question 19:**

**Which of the following can you use to track resource usage and manage costs across all of your clouds with a single, unified view?**

Azure Pricing Calculator

**Azure Cost Management + Billing**

Azure Trust Center

Azure Monitor

**Question 20:**

**You have to run business critical workloads using Azure Virtual Machines, SQL Databases, Data Explorer, and Blob Storage for the next 3 years. Which of the following would provide the MOST cost savings?**

**By Purchasing Reservations**

By using Resources judiciously

Using a Pay – As – You – Go subscription

Stopping the Virtual Machines every night

**Question 21:**

**Which of the following is a private connection from your on – premises infrastructure to your Azure infrastructure wherein the data does not travel through the internet?**

Azure Arc

**Azure ExpressRoute**

Azure VPN Gateway

Azure DNS

**Question 22:**

**Upon creating a new Virtual Machine in Azure, will you be billed separately for its local disk storage?**

Yes

**No**

**Question 23:**

**If your workload can tolerate interruption and its execution time is flexible, which of the following pricing plans would be BEST suited to save costs?**

Pay – as – you – go

Reserved Instances

**Spot Pricing**

Dedicated Hosts

**Question 24:**

**Which of the following is the correct hierarchy for the Azure levels of scope?**

**Management Group => Subscription => Resource Group**

Management Group => Resource Group => Subscription

Subscription => Management Group => Resource Group

Subscription => Resource Group => Management Group

Resource Group => Management Group => Subscription

Resource Group => Subscription => Management Group

**Question 25:**

A startup has deployed a set of Virtual Machines which are critical for their day – to – day operations. They need to ensure their availability even if a single data center goes down. An intern has suggested that deploying the virtual machines to two or more scale sets will solve the problem.

Is this suggestion correct?

Yes

**No**

**Question 26:**

Your company plans to migrate all on – premises data to Azure.

However, before this, the legal department has asked you to fetch all information such as Audit and Compliance Reports to identify whether Azure complies with the company's regional requirements.

Which of the following can help with this?

The Knowledge Center

Azure Marketplace

The Azure portal

**The Trust Center**

**Question 27:**

Unlike RBAC, Azure Policy is a default – allow – and – explicit – deny system.

**Yes**

No

**Question 28:**

**When you apply a lock at a parent scope, all resources within that scope inherit the same lock. Even resources you add later inherit the same parent lock. The most unrestrictive lock in the inheritance takes precedence.**

Yes

**No**

**Question 29:**

**You can link virtual networks together by using virtual network\_\_**

Connectivity

**Peering**

Seeding

Cloning

**Question 30:**

**Which of the following is not a valid way to connect your on – premises data center to Azure?**

Point – to – site virtual private networks

Site – to – site virtual private networks

Azure ExpressRoute

**Network virtual appliances**

**Question 31:**

**All data that is copied to an Azure storage account is backed up automatically to another Azure data center.**

Yes

**No**

**Question 32:**

**Which of the following does not affect a storage account billing?**

Region

Account Type

Access Tier

Data Egress outside a region

Redundancy

**Data Ingress within the same AZ**

**Question 33:**

**A company can extend a private cloud by adding its down physical servers to the public cloud.**

Yes

**No**

**Question 34:**

**To utilize a hybrid cloud model, you must deploy resources to the public cloud while having some resources on – prem.**

**Yes**

No



**Question 35:**

\_\_\_ are often used to create solutions by using a microservice architecture. This architecture is where you break solutions into smaller, independent pieces.

**Containers**

Functions

Modules

Kubernetes

**Question 36:**

You have a workload in Blob Storage that processes large datasets that need to be stored in a cost – effective way, while additional data is being gathered for processing. Which of the following Access Tiers would make the most sense?

Hot

**Cool**

Archive

Efficient

Luke Warm

**Question 37:**

You have deployed a new Azure SQL Database in a VNet and want to restrict the ports, as well as allow or deny communication based on the connection state of the flow record. What should you use?

**An Azure Network Security Group (NSG)**

An Azure Active Directory (Azure AD) role

An Azure DNS Record

An Azure ExpressRoute

An Azure Policy

An Azure Blueprint

**Question 38:**

**Which of the following is designed for enterprise big data analytics and includes a hierarchical namespace to Blob storage?**

**Azure Data Lake Storage Gen 2**

Azure Files

Azure Stack Edge

Azure Data Box Gateway

Azure Blob Storage

**Question 39:**

**There is no programmatic access to the Blob, Queue, Table, and File services in Azure, though you can access VMs using API calls.**

True

**False**

**Question 40:**

**Which of the following would be ideal to store flexible datasets like user data for web applications, address books, device information, or other types of metadata your service requires?**

Azure Queue Storage

**Azure Table Storage**

Azure SQL Database

Azure Data Lake Storage Gen2

Azure Data Lake Storage Gen1

Azure File Sync

**Question 41:**

**Azure Synapse Analytics is an analytics service that brings together data integration, enterprise data warehousing and big data analytics**

**Yes**

No

**Question 42:**

**You can use \_\_\_ to create private connections between Azure datacenters and infrastructure on your premises or in a colocation environment.**

**Azure ExpressRoute**

Azure Network Security Groups

Azure Firewall

Azure DNS

**Question 43:**

**\_\_\_ enables centralizing your organization's file shares in Azure Files, while keeping the flexibility, performance, and compatibility of a Windows file server.**

**Azure File Sync**

Azure File Manager

Azure Resource Manager

Azure Arc

Azure Data Box Gateway

**Question 44:**

**\_\_ provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.**

Azure Resource Groups

Azure Management Groups

**Azure Policy**

Azure Conditional Access and MFA

Azure Subscriptions

**Question 45:**

**Availability zones are implemented in all Azure regions.**

Yes

**No**

**Question 46:**

**Your company wants to copy blobs or files to or from a storage account and is looking for a command – line utility to accomplish this. Which of the following is the right choice?**

**Azure AzCopy**

Azure FileSync

Azure Bash

Azure PowerShell

Azure Storage Explorer

**Question 47:**

**Your company is looking for a tool that can help with the following:**

- 1) Upload, download and manage Azure Storage blobs, files, queues and tables, as well as Azure Data Lake Storage entities.**
- 2) Configure storage permissions and access controls, tiers and rules.**

**Which of the following is the right choice?**

Azure AzCopy

ARM Templates

**Azure Storage Explorer**

Azure VM Scale Sets

Azure Policy

Azure Blueprint

Azure Data Box Gateway

**Question 48:**

**Which of the following are like a physical disk in an on – premises server but, virtualized?**

Azure Blobs

Azure SQL Database

Azure Virtual Machines

**Azure Managed Disks**

Azure Tapes

**Question 49:**

**Your company is building a mission critical application and wants asynchronous message management for communication between application components, whether they are running in the cloud, on the desktop, on – premises, or on mobile devices. They also expect sudden bursts of requests and are looking to prevent servers from being overwhelmed.**

**Which of the following is the right choice?**

Azure Table Storage

Azure FileSync

**Azure Queue Storage**

Azure Async Manager

Azure Files

Azure Data Box Gateway

**Question 50:**

**Which of the following can be leveraged for transferring data to the cloud such as cloud archival, disaster recovery, or if there is a need to process your data at cloud scale?**

**Azure Data Box Gateway**

Azure File Sync

Azure CosmosDB

Azure Arc

Azure Sentinel

Azure Data Lake Storage Gen2

## Practice Test 6

### Question 1:

Which of the following is an excellent choice if you want to run multiple instances of an application on a single host machine?

**Containers**

Functions

Scale Sets

Blueprints

### Question 2:

Azure Reserved VM Instances are an example of Opex.

Yes

**No**

### Question 3:

A startup is planning to replace or supplement traditional on – premises network – attached storage (NAS) devices. More importantly, they are looking for a solution that supports multiple Operating Systems, and containerization.

Which of the following would you recommend?

Azure Data Lake Storage Gen2

Azure Container Instances

**Azure Files**

Azure Kubernetes

Azure Table Storage

Azure Blob Storage

**Question 4:**

**A unique characteristic of Azure Files from files on corporate file share is that you cannot access the files from anywhere in the world, it has to be from a specific location.**

**No**

Yes

**Question 5:**

**Your legal team is requesting for documentation pertaining to Microsoft's implementation of controls processes, namely – Audit Reports, Compliance scores, Pen – Test and Security assessments, and Industry compliance.**

**Where can you obtain this information?**

Azure Support Docs

**Service Trust Portal**

Azure Advisor

Microsoft Privacy Statement

Azure Resource

**Question 6:**

**All the resources residing in a Resource Group must belong to the same Region.**

Yes

**No**



**Question 7:**

**Which of the following is NOT a valid way to purchase Azure Services?**

Directly from the Web

Through a Cloud Solution Provider

Through an Enterprise Agreement

**Through and 3<sup>rd</sup> Party Vendor**

**Question 8:**

**Which of the following solutions is the BEST to store web app user data, device information and other metadata?**

Azure SQL Database

Azure Cosmos DB

**Azure Table Storage**

Azure Cache for Redis

**Question 9:**

**Each Azure subscription can contain multiple account administrators.**

**No**

Yes

**Question 10:**

**Your IT teams need to quickly locate resources associated with specific workloads, environments, ownership groups, or other important information. Which of the following can you recommend?**

Blueprints

Azure Advisor

Policies

Azure Security Center

**Tags**

**Question 11:**

**Which of the following would you recommend for these given requirements?**

- 1) Create thousands of identical virtual machines in minutes**
- 2) Deploy across availability zones to protect against datacenter failures**

Azure Kubernetes

Azure Resource Groups

Azure Blueprints

**Azure Virtual Machine Scale Sets**

Azure Virtual Machines

Azure Container Instance

**Question 12:**

**As part of its modernization strategy, your company has decided to move all its operations to the Azure cloud. It is looking for an advanced modernization, and optimization service for Azure with a wide range of tools for assessment.**

**Which of the following would you recommend?**

Azure Data Box

Azure Advisor

Azure Cloud Adopter

**Azure Migrate**

**Question 13:**

**Which of the following is an event driven, compute – on – demand service, with capabilities to implement code triggered by events occurring in Azure or third party service as well as on – premises systems?**

Azure Kubernetes

Azure Machine Learning Studio

**Azure Functions**

Azure Serverless

Azure Policies

Azure Cosmos DB

**Question 14:**

**You have an on – premises infrastructure and would like to extend its capabilities by making use of Azure services. Which type of cloud deployment is this an example of?**

A Public Cloud

**A hybrid cloud**

An Internal cloud

A private cloud

**Question 15:**

**Which of the following is not a cost saving solutions?**

Resize underutilized virtual machines

**Shutting down Virtual Machines at night**

Using Azure Reservations to prepay

Using Azure Hybrid Benefit to repurpose software licenses on Azure

Using spending limits to restrict your spending

Deleting unused resources

Choosing low – cost location and regions

**Question 16:**

**\_\_\_ helps you estimate the cost savings of operating your solution on Azure over time compared to operating in your on – premises datacenter.**

Azure Advisor

**Azure CTO Calculator**

Azure Blueprints

Azure Pricing Calculator

**Question 17:**

**\_\_ make it easier to identify groups that generate the biggest Azure costs, which can help you adjust your spending accordingly.**

Management Groups

Policies

Blueprints

**Tags**

**Question 18:**

**You plan to deploy an SQL database to Azure. One of the major requirements is resource isolation, i.e. this database should not be accessible to other your other resources on Azure.**

**Which of the following can help with this?**

Setup custom rules in Azure Blueprints

Setup custom rules in Azure Policies

**Deploy the SQL database to a different Virtual Network**

Use an Azure ExpressRoute circuit

**Question 19:**

**\_\_ is Microsoft's cloud – based SIEM system. It uses intelligent security analytics and threat analysis.**

Azure Arc

Azure Key Vault

## **Azure Sentinel**

Microsoft Defender for Cloud

### **Question 20:**

**\_\_\_ provides disks for Azure virtual machines. Applications and other services can access and use them as needed, similar to how they would in on – premises scenarios.**

Files Storage

SSD Storage

Blob Storage

## **Disk Storage**

### **Question 21:**

**Purchasing your own infrastructure and deploying it in your own data center is an example of CapEx.**

**Yes**

No

### **Question 22:**

**A startup has deployed a set of Virtual Machines which are critical for their day – to – day operations. They need to ensure their availability even if a single data center goes down. An intern suggests deploying the Virtual Machines to at least two regions.**

**Would this suggestion meet the goal?**

**Yes**

No

**Question 23:**

**When you form a cloud center of excellence team or a cloud custodian team, that team can use Azure \_\_\_ to scale their governance throughout the organization.**

Subscriptions

Resource Groups

**Blueprints**

Compliance

**Question 24:**

**An Azure service is said to be available to all Azure customers when it is in \_\_\_**

**Public preview**

General availability

Fixed preview

Private preview

**Question 25:**

**You can create multiple billing reports per subscription. This is handy when you have multiple departments and need to do a chargeback of cloud costs.**

**False**

True

**Question 26:**

To begin using Azure Storage, you first create an Azure \_\_\_ to store your data objects.

Resource Group

**Storage Account**

DNS

Storage Section

**Question 27:**

A startup is planning to use multiple Azure SQL Database. Which of the following will help them to reduce costs if the databases have unpredictable usage demands?

Scale Sets

Azure Policies

Azure Blueprints

**Elastic Pools**

**Question 28:**

Which of the following is NOT a compute service available in Azure?

**Azure Cosmos DB**

Azure Kubernetes

Azure Functions

Azure App Service



**Question 29:**

**An unlimited number of resources can be added to a Subscription.**

True

**False**

**Question 30:**

**A new startup needs to control its cloud environment so that it complies with several industry standards, but it's not sure where to start. They have existing business requirements, and understand how these requirements relate to their on – premises workloads. These requirements also must be met by any workloads they run in the cloud.**

**Which of the following can help them in this case?**

**The Cloud Adoption Framework for Azure**

The Azure Blueprint for Cloud

The Proven Roadmap for Azure

Microsoft Defender for Cloud

**Question 31:**

**Which of the following would you use to deploy and manage containerized applications to provide an integrated continuous integration and continuous delivery (CI/CD) experience and enterprise – grade and governance.**

Azure Batch

Azure Functions

Azure Container Instance

## **Azure Kubernetes**

### **Question 32:**

**Which of the following statements regarding Azure subscriptions are correct?**

**Trial subscription can be converted to paid**

Multiple subscriptions cannot be created within an Azure account

**Subscription is dependent on a region**

Azure subscription cannot have a trust relationship with an Azure Active Directory (AD) instance

**Billing is applied to each subscription separately**

### **Question 33:**

**Which of the following categories does Azure Kubernetes service belong to?**

Software as a Service (SaaS)

**Infrastructure as a Service (IaaS)**

Platform as a Service (PaaS)

Database as a Service (DaaS)

### **Question 34:**

**What is the minimum number of Virtual Machines and minimum number of Availability Zones respectively that must be used to guarantee an SLA of 99,99%?**

2 Virtual Machines, 1 Availability Zone

1 Virtual Machine, 2 Availability Zones

## **2 Virtual Machines, 2 Availability Zones**

1 Virtual Machine, 1 Availability Zone

### **Question 35:**

**Azure Pay – As – You – Go pricing is an example of Capex.**

Yes

**No**

### **Question 36:**

**A Senior Security Engineer in your company has enforced MFA for all users. How does MFA enhance security?**

**It requires a Password and a code through the Microsoft Authenticator App.**

It uses to passwords.

It requires password complexity

It requires a Social Insurance Number and a Password

### **Question 37:**

**\_\_\_ help to enforce organizational standards, to access compliance at – scale and implementing governance for resource consistency, regulatory compliance, security and management.**

Resource Lock

Templates

**Policies**

Resource Groups

**Question 38:**

**Which of the following is an example of an Azure Application Platform?**

Azure Cache for Redis

Azure Firewall

Azure Load Balancer

**Azure App Service**

Azure DNS

**Question 39:**

**Which of the following options would meet these requirements?**

- 1) SDKs for popular languages, APIs for SQL, Mongo DB, Cassandra and more**
- 2) Guaranteed speed at any scale with instant and limitless elasticity, fast reads, and multi – region writes anywhere in the world**
- 3) The ability to work with NoSQL data**

Azure Files

**Azure Cosmos DB**

Azure Queues

Azure Table Storage

**Question 40:**

**Which of the following can an application retrieve security tokens from? Choose the Best possible answer.**

An Azure SQL Database

A Certificate Store

**Azure Active Directory (Azure AD)**

An Azure Key Vault

**Question 41:**

**You can enforce Azure AD Multi – Factor Authentication for all users via the Microsoft Authenticator app, phone call, or SMS code.**

**No**

Yes

**Question 42:**

**Which of the following is NOT an Azure Subscription type?**

Member offers

Pay As You Go

**Pay For a Year**

Free Trial

**Question 43:**

**A Social Insurance Number and a Fingerprint scan are valid MFA options for Azure.**

**No**

Yes

**Question 44:**

**A \_\_ contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.**

Domain Name Service

**Network security Group (NSG)**

Route filter

Network gateway

**Question 45:**

**\_\_ notifies you about Azure service incidents and planned maintenance so you can take action to mitigate downtime.**

Azure Trust Center

Azure Monitor

Azure Active Directory

**Azure Service Health**

**Question 46:**

**Your team is planning to build a set of REST - based web APIs by using your choice of language and framework. The produced apps should be consumable from any HTTP or HTTPS based client.**

**Which of the following would be a great fit for this use case?**

Azure Kubernetes Service

Azure Container Instances

**Azure App Service**

Azure Functions

Azure Virtual Desktops

**Question 47:**

**Which of the following categories does Azure VPN Gateway belong to?**

Software as a Service (SaaS)

Platform as a Service (PaaS)

**Infrastructure as a Service (IaaS)**

Network as a Service (NaaS)

**Question 48:**

**An Azure Web App that queries an on – prem Oracle SQL Database is an example of a \_\_\_ cloud architecture.**

Multi – vendor

Public

Private

**Hybrid**

**Question 49:**

**The Cool storage tier stores data offline and offers the lowest storage costs, but also the highest costs to rehydrate and access data.**

True

**False**

**Question 50:**

**Role – based access control is applied to a \_\_, which is a resource or set of resources that this access applies to.**

**Scope**

Blueprint

Resource Set

Group

**Practice Test 7**

**Question 1:**

**Your company intends to subscribe to an Azure support plan. The support plan must allow for new support requests to be opened.**

**Which of the following are support plans that will allow this?**

**Answer by dragging the correct option from the list to the answer area.**

**Select and Place:**

Developer, Standard, Professional Direct, Premier

**Question 2:**

**Your company has datacenters in Los Angeles and New York. The company has a Microsoft Azure subscription.**

**You are configuring the two datacenters as geo-clustered sites for site resiliency.**

**You need to recommend an Azure storage redundancy option.**

**You have the following data storage requirements:**

** Data must be stored on multiple nodes.**



- ☒ Data must be stored on nodes in separate geographic locations.
- ☒ Data can be read from the secondary location as well as from the primary location

Which of the following Azure stored redundancy options should you recommend?

- B. Read-only geo-redundant storage

#### Question 3:

Your company's Azure subscription includes a Basic support plan. They would like to request an assessment of an Azure environment's design from Microsoft. This is, however, not supported by the existing plan.

You want to make sure that the company subscribes to a support plan that allows this functionality, while keeping expenses to a minimum.

**Solution:** You recommend that the company subscribes to the Professional Direct support plan.

Does the solution meet the goal?

No

#### Question 4:

You are tasked with deploying Azure virtual machines for your company.

You need to make use of the appropriate cloud deployment solution.

**Solution:** You should make use of Software as a Service (SaaS).

Does the solution meet the goal?

No

**Question 5:**

**You are tasked with deploying Azure virtual machines for your company.**

**You need to make use of the appropriate cloud deployment solution.**

**Solution: You should make use of Platform as a Service (PaaS).**

**Does the solution meet the goal?**

No

**Question 6:**

**You are tasked with deploying Azure virtual machines for your company.**

**You need to make use of the appropriate cloud deployment solution.**

**Solution: You should make use of Infrastructure as a Service (IaaS).**

**Does the solution meet the goal?**

Yes

**Question 7:**

**Your developers have created 10 web applications that must be host on Azure.**

**You need to determine which Azure web tier plan to host the web apps. The web tier plan must meet the following requirements:**

- ☐ The web apps will use custom domains.
- ☐ The web apps each require 10 GB of storage.
- ☐ The web apps must each run in dedicated compute instances.
- ☐ Load balancing between instances must be included.
- ☐ Costs must be minimized.

**Which web tier plan should you use?**

Basic

**Question 8:**

**You are planning to migrate a company to Azure. Each of the company's numerous divisions will have an administrator in place to manage the Azure resources used by their respective division. You want to make sure that the Azure deployment you employ allows for Azure to be segmented for the divisions, while keeping administrative effort to a minimum.**

**Solution: You plan to make use of several Azure Active Directory (Azure AD) directories.**

**Does the solution meet the goal?**

No

**Question 9:**

**Your developers have created a portal web app for users in the Miami branch office. The web app will be publicly accessible and used by the Miami users to retrieve customer and product information. The web app is currently running in an on-premises test environment.**

**You plan to host the web app on Azure.**

**You need to determine which Azure web tier plan to host the web app. The web tier plan must meet the following requirements:**

- ☒ **The website will use the miami.veyland.com URL.**
- ☒ **The website will be deployed to two instances.**
- ☒ **SSL support must be included.**
- ☒ **The website requires 12 GB of storage.**
- ☒ **Costs must be minimized.**

**Which web tier plan should you use?**

Standard

**Question 10:**

**Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.**

**You are required make sure that the intended Azure solution uses the correct expenditure model.**

**Solution: You should recommend the use of the elastic expenditure model.**

**Does the solution meet the goal?**

No

**Question 11:**

**Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.**

**You are required make sure that the intended Azure solution uses the correct expenditure model.**

**Solution: You should recommend the use of the scalable expenditure model.**

**Does the solution meet the goal?**

No

**Question 12:**

**Your company is planning to migrate all their virtual machines to an Azure pay-as-you-go subscription. The virtual machines are currently hosted on the Hyper-V hosts in a data center.**

**You are required make sure that the intended Azure solution uses the correct expenditure model.**

**Solution: You should recommend the use of the operational**

**expenditure model.**

**Does the solution meet the goal?**

Yes

**Question 13:**

**You are required to deploy an Artificial Intelligence (AI) solution in Azure.**

**You want to make sure that you are able to build, test, and deploy predictive analytics for the solution.**

**Solution: You should make use of Azure Cosmos DB.**

**Does the solution meet the goal?**

No

**Question 14:**

**Your company's Active Directory forest includes thousands of user accounts.**

**You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.**

**You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.**

**Solution: You plan to sync all the Active Directory user accounts to Azure Active Directory (Azure AD).**

**Does the solution meet the goal?**

Yes

**Question 15:**

**You are required to deploy an Artificial Intelligence (AI) solution in Azure.**

**You want to make sure that you are able to build, test, and deploy**

**predictive analytics for the solution.**

**Solution: You should make use of Azure Machine Learning Studio.**

**Does the solution meet the goal?**

Yes

**Question 16:**

**Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.**

**The resources required by each business unit are identical.**

**You are required to sanction a strategy to create Azure resources automatically.**

**Solution: You recommend that the Azure API Management service be included in the strategy.**

**Does the solution meet the goal?**

No

**Question 17:**

**Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.**

**The resources required by each business unit are identical.**

**You are required to sanction a strategy to create Azure resources automatically.**

**Solution: You recommend that management groups be included in the strategy.**

**Does the solution meet the goal?**

No

**Question 18:**

**Your company's infrastructure includes a number of business units that each need a large number of various Azure resources for everyday operation.**

**The resources required by each business unit are identical.**

**You are required to sanction a strategy to create Azure resources automatically.**

**Solution: You recommend that the Azure Resource Manager templates be included in the strategy.**

**Does the solution meet the goal?**

Yes

**Question 19:**

**You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.**

**You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.**

**Solution: You include two virtual machines and one availability zone in your strategy.**

**Does the solution meet the goal?**

No

**Question 20:**

**You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.**

**You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and**

availability zones as possible.

**Solution:** You include one virtual machine and two availability zones in your strategy.

**Does the solution meet the goal?**

No

**Question 21:**

You are tasked with deploying a critical LOB application, which will be installed on a virtual machine, to Azure.

You are informed that the application deployment strategy should allow for a guaranteed availability of 99.99 percent. You need to make sure that the strategy requires as little virtual machines and availability zones as possible.

**Solution:** You include two virtual machines and two availability zones in your strategy.

**Does the solution meet the goal?**

Yes

**Question 22:**

Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed.

You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.

**Solution:** You recommend the use of Microsoft Managed Desktop.  
**Does the solution meet the goal?**



No

**Question 23:**

**Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed.**

**You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.**

**Solution: You recommend the use of Azure Reserved Virtual Machines (VM) Instances.**

**Does the solution meet the goal?**

No

**Question 24:**

**Your company's developers intend to deploy a large number of custom virtual machines on a weekly basis. They will also be removing these virtual machines during the same week it was deployed. Sixty percent of the virtual machines have Windows Server 2016 installed, while the other forty percent has Ubuntu Linux installed.**

**You are required to make sure that the administrative effort, needed for this process, is reduced by employing a suitable Azure service.**

**Solution: You recommend the use of Azure DevTest Labs.**

**Does the solution meet the goal?**

Yes

**Question 25:**

**Your company has virtual machines (VMs) hosted in Microsoft Azure. The VMs are located in a single Azure virtual network named VNet1.**

**The company has users that work remotely. The remote workers require access to the VMs on VNet1.**

**You need to provide access for the remote workers.**

**What should you do?**

Configure a Point-to-Site (P2S) VPN

**Question 26:**

**You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.**

**You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.**

**Solution: You recommend the use of Azure Information Protection.**

**Does the solution meet the goal?**

No

**Question 27:**

**You have been informed by your superiors of the company's intentions to automate server deployment to Azure. There is, however, some concern that administrative credentials could be uncovered during this process.**

**You are required to make sure that during the deployment, the administrative credentials are encrypted using a suitable Azure solution.**

**Solution: You recommend the use of Azure Multi-Factor Authentication (MFA).**

**Does the solution meet the goal?**

No

**Question 28:**

**The company would like to develop a cloud solution by making use of Azure Government. Azure Government can only be used by certain types of clients to develop cloud solutions.**

**Which of the following are the types of customers that can make use of Azure Government in this situation? Answer by dragging the correct option from the list to the answer area.**

**Select and Place:**

A United States government contractor

A United States government entity

**Question 29:**

**Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the Internet.**

**You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.**

**Solution: You configure the use of Azure AD Identity Protection.**

**Does the solution meet the goal?**

Yes

**Question 30:**

**Your company has an Azure Active Directory (Azure AD) environment. Users occasionally connect to Azure AD via the**

**Internet.**

**You have been tasked with making sure that users who connect to Azure AD via the internet from an unidentified IP address, are automatically encouraged to change passwords.**

**Solution: You configure the use of Azure AD Privileged Identity Management.**

**Does the solution meet the goal?**

No

**Question 31:**

**You are planning a strategy to deploy numerous web servers and database servers to Azure.**

**This strategy should allow for connection types between the web servers and database servers to be controlled.**

**Solution: You include network security groups (NSGs) in your strategy.**

**Does the solution meet the goal?**

Yes

**Question 32:**

**You are planning a strategy to deploy numerous web servers and database servers to Azure.**

**This strategy should allow for connection types between the web servers and database servers to be controlled.**

**Solution: You include a local network gateway in your strategy.**

**Does the solution meet the goal?**

No

**Question 33:**

Your company's Active Directory forest includes thousands of user accounts.

You have been informed that all network resources will be migrated to Azure. Thereafter, the on-premises data center will be retired.

You are required to employ a strategy that reduces the effect on users, once the planned migration has been completed.

**Solution:** You plan to require Azure Multi-Factor Authentication (MFA).

Does the solution meet the goal?

Yes

**Question 34:**

**HOTSPOT -**

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

**NOTE:** Each correct selection is worth one point.

**Hot Area:**

Statements	Yes	No
A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
A platform as a service (PaaS) solution that hosts web apps in Azure provides the ability to scale the platform automatically.	<input checked="" type="radio"/>	<input type="radio"/>
A platform as a service (PaaS) solution that hosts web apps in Azure provides professional development services to continuously add features to custom applications.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 35:**

**HOTSPOT -**

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

**NOTE:** Each correct selection is worth one point.

**Hot Area:**

Statements	Yes	No
Azure provides flexibility between capital expenditure (CapEx) and operational expenditure (OpEx).	<input checked="" type="radio"/>	<input type="radio"/>
If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.	<input type="radio"/>	<input checked="" type="radio"/>
When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 36:**

**Answer Area**

When you are implementing a Software as a Service (SaaS) solution, you are responsible for

- configuring high availability.
- defining scalability rules.
- installing the SaaS solution.
- configuring the SaaS solution.**

**Question 37:**

You have an on-premises network that contains several servers.

You plan to migrate all the servers to Azure.

You need to recommend a solution to ensure that some of the servers are available if a single Azure data center goes offline for an extended period.

What should you include in the recommendation?

fault tolerance

**Question 38:**

An organization that hosts its infrastructure  no longer requires a data center.

- in a private cloud
- in a hybrid cloud
- in the public cloud
- on a Hyper-V host

**Question 39:**

What are two characteristics of the public cloud? Each correct answer presents a complete solution.

**NOTE:** Each correct selection is worth one point.

Metered pricing

Self – service management

**Question 40:**

When planning to migrate a public website to Azure, you must plan to

- deploy a VPN.
- pay monthly usage costs.
- pay to transfer all the website data to Azure.
- reduce the number of connections to the website.

**Question 41:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure. The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

**Solution:** You create an Azure App Service and Azure SQL databases. Does this meet the goal?

Yes

**Question 42:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure. The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

**Solution:** You create an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.

Does this meet the goal?

Yes

**Question 43:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review



screen.

Your company plans to migrate all its data and resources to Azure. The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

**Solution:** You create an Azure App Service and Azure Storage accounts.

**Does this meet the goal?**

No

**Question 44:**

Your company hosts an accounting application named App1 that is used by all the customers of the company.

App1 has low usage during the first three weeks of each month and very high usage during the last week of each month.

**Which benefit of Azure Cloud Services supports cost management for this type of usage pattern?**

Elasticity

**Question 45:**

You plan to migrate a web application to Azure. The web application is accessed by external users.

You need to recommend a cloud deployment solution to minimize the amount of administrative effort used to manage the web application.

**What should you include in the recommendation?**

Platform as a Service

**Question 46:**

Azure virtual machines:

Infrastructure as a service (IaaS)  
 Platform as a service (PaaS)  
 Software as a service (SaaS)

Azure SQL databases:

Infrastructure as a service (IaaS)  
 Platform as a service (PaaS)  
 Software as a service (SaaS)

#### Question 47:

You have an on-premises network that contains 100 servers. You need to recommend a solution that provides additional resources to your users. The solution must minimize capital and operational expenditure costs.

What should you include in the recommendation?

A hybrid cloud

#### Question 48:

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	<input type="radio"/>	<input checked="" type="radio"/>
A company can extend the capacity of its internal network by using the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
In a public cloud model, only guest users at your company can access the resources in the cloud.	<input type="radio"/>	<input checked="" type="radio"/>

1: No -

#### Question 49:

You plan to migrate several servers from an on-premises network to Azure.

What is an advantage of using a public cloud service for the servers over an on-premises network?

The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud

**Question 50:**

--- --

Azure Site Recovery provides  for virtual machines.

- fault tolerance
- disaster recovery
- elasticity
- high availability

**Question 51:**

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

Public

**Question 52:**

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

- hybrid
- multi-vendor
- private
- public

**Question 53:**

You have 1,000 virtual machines hosted on the Hyper-V hosts in a data center.

You plan to migrate all the virtual machines to an Azure pay-as-you-go

subscription.

You need to identify which expenditure model to use for the planned Azure solution.

Which expenditure model should you identify?

Operational

Question 54:

**Answer Area**

A cloud service that remains available after a failure occurs

Fault tolerance

A cloud service that can be recovered after a failure occurs

Disaster recovery

A cloud service that performs quickly when demand increases

Dynamic scalability

A cloud service that can be accessed quickly from the Internet.

Low latency

Question 55:

**Statements**

**Yes**

**No**

To implement a hybrid cloud model, a company must have an internal network.

☐☒

A company can extend the computing resources of its internal network by using a hybrid cloud.

☒☐

In a public cloud model, only guest users at your company can access the resources in the cloud.

☐☒

**Question 56:**

Statements	Yes	No
A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution can automatically scale the number of instances.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 57:**

**Your company has an on-premises network that contains multiple servers.**

**The company plans to reduce the following administrative responsibilities:**

- ☒ **Backing up application data**
- ☒ **Replacing failed server hardware**
- ☒ **Managing physical server security**
- ☒ **Updating server operating systems**
- ☒ **Managing permissions to shared documents**

**The company plans to migrate servers to Azure virtual machines. You need to identify which administrative responsibilities will be eliminated after the planned migration.**

**Which two responsibilities should you identify? Each correct answer presents a complete solution.**

**NOTE: Each correct selection is worth one point.**

Replacing failed server hardware

Managing physical server security

**Question 58:**

Statements	Yes	No
Azure Pay-As-You-Go pricing is an example of CapEx.	<input type="radio"/>	<input checked="" type="radio"/>
Paying electricity for your datacenter is an example of OpEx.	<input type="radio"/>	<input checked="" type="radio"/>
Deploying your own datacenter is an example of CapEx.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 59:**

**You plan to provision Infrastructure as a Service (IaaS) resources in Azure.**

**Which resource is an example of IaaS?**

An Azure virtual machine

**Question 60:**

**To which cloud models can you deploy physical servers?**

Private cloud and hybrid cloud only

**Question 61:**

Cloud model	Work Area
Hybrid Cloud	Public Cloud No required capital expenditure.
Private Cloud	Private Cloud Provides complete control over security.
Public Cloud	Hybrid Cloud Provides a choice to use on-premises or cloud-based resources.

**Question 62:**

### Answer Area

Statements	Yes	No
A company can extend a private cloud by adding its own physical servers to the public cloud.	<input type="radio"/>	<input checked="" type="radio"/>
To build a hybrid cloud, you must deploy resources to the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
A private cloud must be disconnected from the internet.	<input type="radio"/>	<input checked="" type="radio"/>

### Question 63:

**You have 50 virtual machines hosted on-premises and 50 virtual machines hosted in Azure. The on-premises virtual machines and the Azure virtual machines connect to each other.**

**Which type of cloud model is this?**

Hybrid

### Question 64:

Statements	Yes	No
A platform as a service (PaaS) solution that hosts web apps in Azure provides full control of the operating systems that host applications.	<input type="radio"/>	<input checked="" type="radio"/>
A Platform as a Service (PaaS) solution that hosts web apps in Azure can be provided with additional memory by changing the pricing tier.	<input checked="" type="radio"/>	<input type="radio"/>
A Platform as a Service (PaaS) solution that hosts web apps in Azure can be configured to automatically scale the number of instances based on demand.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 65:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to migrate all its data and resources to Azure. The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company migration plan.

**Solution:** You create Azure virtual machines, Azure SQL databases, and Azure Storage accounts.

**Does this meet the goal?**

No

**Question 66:**

Your company plans to deploy several custom applications to Azure. The applications will provide invoicing services to the customers of the company. Each application will have several prerequisite applications and services installed.

You need to recommend a cloud deployment solution for all the applications.

**What should you recommend?**

Infrastructure as a service

**Question 67:**



### Answer Area

Statements	Yes	No
Building a data center infrastructure is an example of operational expenditure (OpEx) costs.	<input type="radio"/>	<input checked="" type="radio"/>
Monthly salaries for technical personnel are an example of operational expenditure (OpEx) costs.	<input checked="" type="radio"/>	<input type="radio"/>
Leasing software is an example of operational expenditure (OpEx) costs.	<input checked="" type="radio"/>	<input type="radio"/>

### Question 68:

Azure Cosmos DB is an example of a  offering.

platform as a service (PaaS)

infrastructure as a service (IaaS)

serverless

software as a service (SaaS)

### Question 69:

Statements	Yes	No
With software as a service (SaaS), you must apply software updates.	<input type="radio"/>	<input checked="" type="radio"/>
With infrastructure as a service (IaaS), you must install the software that you want to use.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Backup is an example of platform as a service (PaaS).	<input checked="" type="radio"/>	<input type="radio"/>

### Question 70:

#### Answer Area

Statements	Yes	No
You can create a resource group inside of another resource group.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure virtual machine can be in multiple resource groups.	<input type="radio"/>	<input checked="" type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

### Question 71:

Statements	Yes	No
Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of platform as a service (PaaS).	<input type="radio"/>	<input checked="" type="radio"/>
Azure SQL Database is an example of platform as a service (PaaS).	<input checked="" type="radio"/>	<input type="radio"/>
Azure Cosmos DB is an example of software as a service (SaaS).	<input type="radio"/>	<input checked="" type="radio"/>

### Question 72:

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure is an example of

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).
- software as a service (SaaS).

### Question 73:

Your company plans to migrate all its data and resources to Azure.

The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure.

You need to deploy an Azure environment that meets the company's migration plan.

What should you create?

An Azure App Service and Azure SQL databases

**Question 74:**

**What does a customer provide in a software as a service (SaaS) model?**

Application data

**Question 75:**

Statements	Yes	No
Azure Files is an example of infrastructure as a service (IaaS).	<input checked="" type="radio"/>	<input type="radio"/>
A DNS server that runs on an Azure virtual machine is an example of platform as a service (PaaS).	<input checked="" type="radio"/>	<input type="radio"/>
Microsoft Intune is an example of software as a service (SaaS).	<input checked="" type="radio"/>	<input type="radio"/>

**Question 76:**

**Answer Area**

Statements	Yes	No
Cloud computing provides elastic scalability.	<input checked="" type="radio"/>	<input type="radio"/>
Customers can minimize capital expenditure (CapEx) by using a public cloud.	<input checked="" type="radio"/>	<input type="radio"/>
Cloud computing leverages virtualization to provide services to multiple customers simultaneously.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 77:**

**What is the first stage in the Microsoft Cloud Adoption Framework for Azure?**

Define your strategy

**Question 78:**

**Answer Area**

Statements	Yes	No
A company can extend an internal network by adding its own physical servers to the public cloud.	<input type="radio"/>	<input checked="" type="radio"/>
A private cloud must be disconnected from the internet.	<input type="radio"/>	<input checked="" type="radio"/>
Part of a hybrid cloud is the public cloud.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 79:**

Statements	Yes	No
You must have physical servers to use cloud computing.	<input type="radio"/>	<input checked="" type="radio"/>
You must have internet connectivity to use cloud computing.	<input checked="" type="radio"/>	<input type="radio"/>
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 80:**

### Answer Area

#### Benefits

Agility

Scalability

Resources can be provisioned dynamically to meet changing demands.

Geo-distribution

Geo-distribution

Applications and data can be deployed to multiple regions.

Scalability

Agility

Applications can be developed, tested, and launched rapidly.

#### Question 81:

#### Answer Area

Azure Site Recovery provides

▼

fault tolerance

disaster recovery

elasticity

high availability

for virtual machines

#### Question 82:

You plan to use Azure to host two apps named App1 and App2. The apps must meet the following requirements:

- ☞ You must be able to modify the code of App1.
- ☞ Administrative effort to manage the operating system of App1 must be minimized.
- ☞ App2 must run interactively with the operating system of the server.

Which type of cloud service should you use for each app? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

## Answer Area

App1: 

▼
Infrastructure as a service (IaaS)
Platform as a service (PaaS)
Software as a service (SaaS)

App2: 

▼
Infrastructure as a service (IaaS)
Platform as a service (PaaS)
Software as a service (SaaS)

### Question 83:

You have an accounting application named App1 that uses a legacy database.

You plan to move App1 to the cloud.

Which service model should you use?

Infrastructure as a service

### Question 84:

#### Answer Area

When you are implementing a Software as a Service (SaaS) solution, you are responsible for

▼
configuring high availability
defining scalability rules
installing the SaaS solution
configuring the SaaS solution

to SaaS solution

### Question 85:

### Answer Area

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

hybrid
multi-vendor
private
public

### Question 86:

#### Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure is an example of .

disaster recovery as a service (DRaaS).
infrastructure as a service (IaaS).
platform as a service (PaaS).
software as a service (SaaS).

### Question 87:

Which cloud computing model includes on-premises and cloud-based resources?

Hybrid

### Question 88:

#### Answer Area

Autoscaling is an example of

agility.
elasticity.
geo-distribution.
predictability.

### Question 89:

Correct Answer:

Statements	Yes	No
Azure virtual networks deployed to the same Azure region are connected by default.	<input type="radio"/>	<input checked="" type="radio"/>
Each Azure virtual network in a single resource group must have a unique name.	<input checked="" type="radio"/>	<input type="radio"/>
The Azure virtual network's address space must be unique within a subscription.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 90:**

**Which term represents the ability to increase the computing capacity of a virtual machine by adding memory or CPUs?**

Vertical scaling

**Question 91:**

**What are two benefits of cloud computing? Each correct answer presents a complete solution.**

Enables the rapid provisioning of resources

Shifts capital expenditures (CAPEX) to operating expenditures (OPEX)

**Question 92:**

**What is a feature of an Azure virtual network?**

Isolation and segmentation

**Question 93:**



## Answer Area

Elasticity

Geo-distribution

High availability

Scalability

enables Azure resources to be deployed close to users.

## Question 94:

Correct Answer:

Benefits

Disaster recovery

Geo-distribution

High availability

Scalability

Answer Area

Scalability

Increase the compute capacity of apps in the cloud.

High availability

Provide a continuous user experience with no apparent downtime.

Geo-distribution

Ensure that users always have the best experience by deploying apps to all the regions where there are users.

## Question 95:

Which cloud computing benefit provides continuous user access to a cloud-based application with minimal downtime?

High availability

## Question 96:

You need to identify the type of failure for which an Azure Availability Zone can be used to protect access to Azure services.

What should you identify?

An Azure data center failure

## Question 97:

**You plan to extend your company's network to Azure.**

**The network contains a VPN appliance that uses an IP address of 131.107.200.1.**

**You need to create an Azure resource that defines the VPN appliance in Azure.**

**Which Azure resource should you create? To answer, select the appropriate resource in the answer area.**

Local network gateways

**Question 98:**

**After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.**

**You plan to deploy several Azure virtual machines.**

**You need to ensure that the services running on the 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

**Question 99:**

**After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.**

**You plan to deploy several Azure virtual machines.**

**You need to ensure that the services running on the 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

**Question 100:**

**Answer Area**

Statements	Yes	No
An Azure subscription can be associated to multiple Azure Active Directory (Azure AD) tenants.	<input type="radio"/>	<input checked="" type="radio"/>
You can change the Azure Active Directory (Azure AD) tenant to which an Azure subscription is associated.	<input checked="" type="radio"/>	<input type="radio"/>
When an Azure subscription expires, the associated Azure Active Directory (Azure AD) tenant is deleted automatically.	<input type="radio"/>	<input checked="" type="radio"/>

**Question 101:**

This question requires that you evaluate the underlined text to determine if it is correct.

Resource groups provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.

Instructions: Review the underlined text. If it makes the statement correct, select `No change is needed`. If the statement is incorrect, select the answer choice that makes the statement correct.

Azure policies

**Question 102:**

Your company plans to migrate to Azure.

The company has several departments. All the Azure resources used by each department will be managed by a department administrator.

What are two possible techniques to segment Azure for the departments? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

Multiple subscriptions

Multiple resource groups

**Question 103:**

**Answer Area**

Statements	Yes	No
A single Microsoft account can be used to manage multiple Azure subscriptions.	<input checked="" type="radio"/>	<input type="radio"/>
Two Azure subscriptions can be merged into a single subscription.	<input type="radio"/>	<input checked="" type="radio"/>
A company can use resources from multiple subscriptions.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 104:**

**Answer Area**

You have several virtual machines in an Azure subscription.  
You create a new subscription.

- The virtual machines cannot be moved to the new subscription.
- The virtual machines can be moved to the new subscription.
- The virtual machines can be moved to the new subscription only if they are all in the same resource group.
- The virtual machines can be moved to the new subscription only if they run Windows Server 2016.

**Question 105**

You have an Azure environment that contains multiple Azure virtual machines.

You plan to implement a solution that enables the client computers on your on-premises network to communicate to the Azure virtual machines.

You need to recommend which Azure resources must be created for the planned solution.

Which two Azure resources should you include in the recommendation? Each correct answer presents part of the solution.

**NOTE:** Each correct selection is worth one point.

A virtual network gateway

A gateway subnet

#### Question 106:

You attempt to create several managed Microsoft SQL Server instances in an Azure environment and receive a message that you must increase your Azure subscription limits.

What should you do to increase the limits?

Create a new support request

#### Question 107:

• • • • •

##### Answer Area

Statements	Yes	No
Each Azure subscription can contain multiple account administrators.	<input type="radio"/>	<input checked="" type="radio"/>
Each Azure subscription can be managed by using a Microsoft account only.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure resource group contains multiple Azure subscriptions.	<input type="radio"/>	<input checked="" type="radio"/>

#### Question 108:

### Answer Area

Statements	Yes	No
Availability zones can be implemented in all Azure regions.	<input type="radio"/>	<input checked="" type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input checked="" type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input checked="" type="radio"/>

### Question 109:

**You plan to create an Azure virtual machine.**

**You need to identify which storage service must be used to store the unmanaged data disks of the virtual machine.**

**What should you identify? To answer, select the appropriate service in the answer area.**

Container

### Question 110:

**Your company plans to move several servers to Azure.**

**The company's compliance policy states that a server named FinServer must be on a separate network segment.**

**You are evaluating which Azure services can be used to meet the compliance policy requirements.**

**Which Azure solution should you recommend?**

a virtual network for FinServer and another virtual network for all the other servers

### question 111:

**You plan to map a network drive from several computers that run Windows 10 to Azure Storage.**

**You need to create a storage solution in Azure for the planned mapped drive.**

**What should you create?**

a File service in a storage account

**question 112:**

**You plan to implement an Azure database solution.**

**You need to implement a database solution that meets the following requirements:**

☐ Can add data concurrently from multiple regions

☐ Can store JSON documents

**Which database service should you deploy? To answer, select the appropriate service in the answer area.**

Azure cosmos DB

**Question 113:**

**Your company plans to start using Azure and will migrate all its network resources to Azure.**

**You need to start the planning process by exploring Azure.**

**What should you create first?**

A subscription

**Question 114:**

### Answer Area

#### Statements

Yes

No

All the Azure resources deployed to a resource group must use the same Azure region.

☐☒

If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.

☐☒

If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.

☒☐

### Question 115:

#### Answer Area

Data that is stored in the Archive access tier of an Azure Storage account

- can be accessed at any time by using azcopy.exe.
- can only be read by using Azure Backup.
- must be restored before the data can be accessed.
- must be rehydrated before the data can be accessed.

### Question 116:

You plan to deploy a critical line-of-business application to Azure.

The application will run on an Azure virtual machine.

You need to recommend a deployment solution for the application.

The solution must provide a guaranteed availability of 99.99 percent.

What is the minimum number of virtual machines and the minimum



number of availability zones you should recommend for the deployment? To answer, select the appropriate options in the answer area.

### Answer Area

Minimum number of virtual machines:

1	v
2	
3	

Minimum number of availability zones:

1	v
2	
3	

### Question 117:

Which Azure service should you use to collect events from multiple resources into a centralized repository?

Azure Event Hubs

### Question 118:

#### Answer Area

An Availability Zone in Azure has physically separate locations

:

▼
across two continents.
within a single Azure region.
within multiple Azure regions.
within a single Azure datacenter.

### Question 119:

#### Answer Area

Statements	Yes	No
Data that is stored in an Azure Storage account automatically has at least three copies.	<input checked="" type="radio"/>	<input type="radio"/>
All data that is copied to an Azure Storage account is backed up automatically to another Azure data center.	<input type="radio"/>	<input checked="" type="radio"/>
An Azure Storage account can contain up to 2 TB of data and up to one million files.	<input type="radio"/>	<input checked="" type="radio"/>

### Question 120:

CORRECT ANSWER:

#### Answer Area

Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	<input type="radio"/>	<input checked="" type="radio"/>
Only virtual machines that run Windows Server can be created in availability zones.	<input type="radio"/>	<input checked="" type="radio"/>
Availability zones are used to replicate data and applications to multiple regions.	<input type="radio"/>	<input checked="" type="radio"/>

### Question 121:

#### Answer Area

Statements	Yes	No
North America is represented by a single Azure region.	<input type="radio"/>	<input checked="" type="radio"/>
Every Azure region has multiple datacenters.	<input checked="" type="radio"/>	<input type="radio"/>
Data transfers between Azure services located in different Azure regions are always free.	<input type="radio"/>	<input checked="" type="radio"/>

### Question 122:

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the 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

**Question 123:**

You need to be notified when Microsoft plans to perform maintenance that can affect the resources deployed to an Azure subscription.

What should you use?

Azure Service Health

**Question 124:**

Services	Answer Area
	<div>IoT Hub</div> <div>A managed service that provides bidirectional communication between IoT devices and Azure</div>
	<div>IoT Central</div> <div>A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale</div>
	<div>Azure Sphere</div> <div>A software and hardware solution that provides communication and security features for IoT devices</div>

**Question 125:**

Answer Area	Statements	Yes	No
	A Windows Virtual Desktop session host can run Windows 10 only.	<input type="radio"/>	<input checked="" type="radio"/>
	A Windows Virtual Desktop host pool that includes 20 session hosts supports a maximum of 20 simultaneous user connections.	<input type="radio"/>	<input checked="" type="radio"/>
	Windows Virtual Desktop supports desktop and app virtualization.	<input checked="" type="radio"/>	<input type="radio"/>

### Question 126:

#### Answer Area

The Azure Migrate: Server Assessment tool	can calculate cost savings due to reduced electricity consumption as a result of migrating on-premises Microsoft SQL servers to Azure.
The Azure Total Cost of Ownership (TCO) calculator	
The Database Migration Assistant	
The pricing calculator in Azure	

### Question 127:

#### Answer Area

##### Statements

Yes

No

You can use Availability Zones in Azure to protect Azure virtual machines from a datacenter failure.

☒☐

You can use Availability Zones in Azure to protect Azure virtual machines from a region failure.

☐☒

You can use Availability Zones in Azure to protect Azure managed disks from a datacenter failure.

☒☐

### Question 128:

##### Statements

Yes

No

An Azure subscription can have multiple account administrators

☐☒

An Azure subscription can be managed by using a Microsoft account only

☒☐

An Azure resource group can contain multiple Azure subscriptions

☐☒

**Question 129:**

An Azure region

contains one or more data centers that are connected by using a low-latency network.
is found in each country where Microsoft has a subsidiary office.
can be found in every country in Europe and the Americas only.
contains one or more data centers that are connected by using a high-latency network.

**Question 130:**

Statements	Yes	No
To use Azure Active Directory (Azure AD) credentials to sign in to a computer that runs Windows 10, the computer must be joined to Azure AD.	<input checked="" type="radio"/>	<input type="radio"/>
Users in Azure Active Directory (Azure AD) are organized by using resource groups.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Active Directory (Azure AD) groups support dynamic membership rules.	<input checked="" type="radio"/>	<input type="radio"/>

**Question 131:**

**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 data center fails.**  
**What are two possible solutions? Each correct answer presents a complete solution.**

Deploy the virtual machines to two or more availability zones.

Deploy the virtual machine to two or more regions.

**Question 132:**

#### Answer Area

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must

- ☒ be deployed to a separate virtual network.
- ☐ run a different operating system than the other virtual machines.
- ☐ be deployed to a separate resource group.
- ☐ have two network interfaces.

#### Question 133

##### Answer Area

- |                         |   |
|-------------------------|---|
| Azure Synapse Analytics | A fully managed data warehouse that has integral security at every level of scale at no extra cost. |
| Azure Cosmos DB         | A globally distributed database that supports NoSQL.  |
| Azure HDInsight         | Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.     |

#### Question 134:

Statements	Yes	No
The Archive access tier is set at the storage account level.	<input type="radio"/>	<input checked="" type="radio"/>
The Hot access tier is recommended for data that is accessed and modified frequently.	<input checked="" type="radio"/>	<input type="radio"/>
The Cool access tier is recommended for long term backups.	<input type="radio"/>	<input checked="" type="radio"/>

#### Question 135:

**What is the most severe failure from which an Azure Availability Zone can be used to protect access to Azure service?**

an Azure data center failure

#### question 136:

You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription. What should you use?

Azure Marketplace

Question 137:

Serverless Solutions		Answer Area
<div>Azure Functions</div>	Executes code:	<div>Azure Functions</div>
<div>Azure Logic Apps</div>	Is always stateful:	<div>Azure Functions</div>
	Runs only in the cloud:	<div>Azure Logic Apps</div>

Question 138:

Features		Answer Area
<div>Azure Blueprints</div>	<div>Azure Policy</div>	Restrict which virtual machine types can be created in a subscription.
<div>Azure Policy</div>	<div>Azure tags</div>	Identify Azure resources that are associated with specific cost centers.
<div>Azure resource locks</div>	<div>Azure Blueprints</div>	Deploy a complete Azure application environment including resources configuration and role assignments.
<div>Azure tags</div>		

Question 139:

An Availability Zone in Azure has physically separate locations

▼

across two continents

within a single Azure region

within multiple Azure regions

within a single Azure datacenter

### Question 140:

Services	Answer Area	
Azure Functions	Azure virtual machines	Provide operating system virtualization.
Azure App Service	Azure Container Instances	Provide portable environment for virtualized applications.
Azure virtual machines	Azure App Service	Used to build, deploy, and scale web apps.
Azure Container Instances	Azure Functions	Provide a platform for serverless code.

### Question 141:

You have several virtual machines in an Azure subscription. You create a new subscription.

	▼
The virtual machines cannot be moved to the new subscription.	
The virtual machines can be moved to the new subscription.	
The virtual machines can be moved to the new subscription only if they are all in the same resource group.	
The virtual machines can be moved to the new subscription only if they run Windows Server 2019.	

### Question 142:

You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription.

What should you use?

Azure Marketplace

### Question 143:

	▼	is a highly secure IoT solution that includes a microcontroller unit (MCU) and a customized Linux operating system.
Azure Arc		
Azure IoT Central		
Azure IoT Hub		
Azure Sphere		

### Question 144:



**You plan to deploy a service to Azure virtual machines.**

**You need to ensure that the service will be available if a datacenter fails.**

**What should you use as part of the virtual machine deployment?**

Availability zones

**Question 145:**

**Your company has an Azure subscription that contains resources in several regions.**

**You need to ensure that administrators can only create resources in those regions.**

**What should you use?**

An Azure Policy

**Question 146:**

An Azure region

contains one or more data centers that are connected by using a low-latency network.
is found in each country where Microsoft has a subsidiary office.
can be found in every country in Europe and the Americas only.
contains one or more data centers that are connected by using a high-latency network.

**Question 147:**

You can use the Azure File Sync agent to sync on-premises data to an Azure

blob container.
Data Lake Storage container.
file share.
queue.

**Question 148:**

**What is the function of a Site-to-Site VPN?**

provides a connection from an on-premises VPN device to an Azure VPN gateway

**question 149:**

**Models**

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

**Answer Area**

Platform as a service (PaaS) Azure App Service

Infrastructure as a service (IaaS) Azure virtual machines

Software as a service (SaaS) Microsoft Dynamics 365

**Question 150:**

Correct Answer:

Infrastructure-as-a-Service (IaaS)

Platform-as-a-Service (PaaS)

Software-as-a-Service (SaaS)

**Answer Area**

Infrastructure-as-a-Service (IaaS) A cloud-based file server

Software-as-a-Service (SaaS) A cloud-based accounting system

Platform-as-a-Service (PaaS) A cloud-based service for custom apps

**Question 151:**

**You need to manage containers.**

**Which two services can you use? Each correct answer presents a complete solution.**

**NOTE: Each correct selection is worth one point.**

Azure Container Instances

Azure Kubernetes Service (AKS)

**Question 152:**

When you need to delegate permissions to several Azure virtual machines simultaneously, you must deploy the Azure virtual machines

- to the same Azure region.
- by using the same Azure Resource Manager template.
- to the same resource group.
- to the same availability zone.

**Question 153:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the 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

**Question 154:**

One of the benefits of Azure SQL Data Warehouse is that high availability is built into the platform.

**Instructions:** Review the underlined text. If it makes the statement correct, select `No change is needed`. If the statement is incorrect, select the answer choice that makes the statement correct.

No change is needed

**Question 155:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You plan to deploy several Azure virtual machines.

You need to ensure that the services running on the 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

**Question 156:**

An Azure container instance is an example of an Azure

compute service.  
identity service.  
networking service.  
storage service.

**Question 157:**

**At which OSI layer does ExpressRoute operate?**

Layer 2

**Question 158:**

Application Insights is a feature of

Azure Advisor.  
Azure Application Gateway.  
Azure Arc.  
Azure Monitor.

**Question 159:**

Statements	Yes	No
Azure resources can only access other resources in the same resource group.	<input type="radio"/>	<input checked="" type="radio"/>
If you delete a resource group, all the resources in the resource group will be deleted.	<input checked="" type="radio"/>	<input type="radio"/>
A resource group can contain resources from multiple Azure regions.	<input checked="" type="radio"/>	<input type="radio"/>

No -

**Question 160:**

**You plan to store 20 TB of data in Azure. The data will be accessed infrequently and visualized by using Microsoft Power BI. You need to recommend a storage solution for the data.**

Which two solutions should you recommend? Each correct answer presents a complete solution.

Azure Data Lake

Azure SQL Data Warehouse

Question 161:

https://   com

admin.  
portal.  
www.

azure.  
azurewebsites.  
microsoft.

Question 162:

Arrange the storage account redundancy options from the least redundant to the most redundant. To answer, move all options from the list of options to the answer area and arrange them in the correct order.

>

<

Locally-redundant storage (LRS)

Zone-redundant storage (ZRS)

Geo-redundant storage (GRS)

^

v

Question 163:

Azure Blob Storage is a

data store for queuing and reliably delivering messages between applications.
file share that can be mapped as a network drive.
key/attribute store for non-relational, structured data.
storage service optimized for very large objects, such as video files and bitmaps.

Question 164:

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

**Solution:** Run the script from a computer that runs Linux and has the Azure CLI tools installed.

Does this meet the goal?

No

**Question 165:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

**Solution:** Run the script from a computer that runs Chrome OS and uses Azure Cloud Shell.

Does this meet the goal?

Yes

**Question 166:**

#### Answer Area

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services in an Azure environment.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	<input checked="" type="radio"/>	<input type="radio"/>
From Azure Service Health, an administrator can prevent a service failure	<input type="radio"/>	<input checked="" type="radio"/>

#### Question 167:

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

An Azure administrator plans to run a PowerShell script that creates Azure resources.

You need to recommend which computer configuration to use to run the script.

**Solution:** Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed.

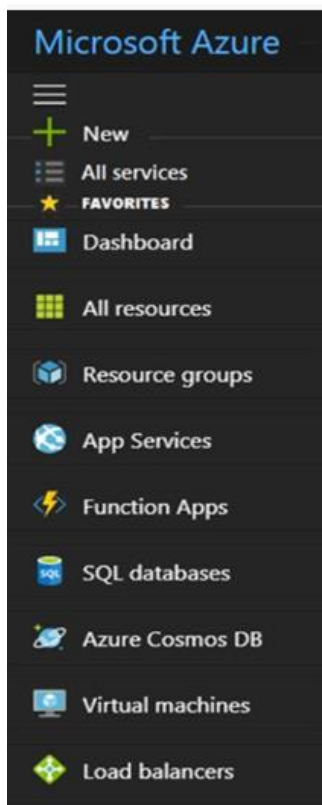
Does this meet the goal?

Yes

#### Question 168:

You need to view a list of planned maintenance events that can affect the availability of an Azure subscription.

Which blade should you use from the Azure portal? To answer, select the appropriate blade in the answer area.



### Question 169:

Answer Options	Answer Area
Azure Advisor	Azure DevOps An integrated solution for the deployment of code
Azure Cognitive Services	Azure Advisor A tool that provides guidance and recommendations to improve an Azure environment
Azure Application Insights	Azure Cognitive Services A simplified tool to build intelligent Artificial Intelligence (AI) applications
Azure DevOps	Azure Application Insights Monitors web applications

### Question 170:



**Answer Options****Answer Area**

	Azure SQL Database	A managed relational cloud database service.
	Azure SQL Synapse Analytics	A cloud-based service that leverages massively parallel processing (MPP) to quickly run complex queries across petabytes of data in a relational database.
	Azure Data Lake Analytics	Can run massively parallel data transformation and processing programs across petabytes of data
	Azure HDInsight	An open-source framework for the distributed processing and analysis of big data sets in clusters

**Question 171:**

You need to identify which blades in the Azure portal must be used to perform the following tasks:

- ☞ View security recommendations.
- ☞ Monitor the health of Azure services.
- ☞ Browse available virtual machine images.

Which blade should you identify for each task? To answer, select the appropriate options in the answer area.

Monitor the health of Azure services:

▼

Monitor

Subscriptions

Marketplace

Advisor

Browse available virtual machine images:

▼

Monitor

Subscriptions

Marketplace

Advisor

View security recommendations:

▼

Monitor

Subscriptions

Marketplace

Advisor

**Question 172:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure environment. You need to create a new Azure virtual machine from a tablet that runs the Android operating system.

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

Does this meet the goal?

Yes

**Question 173:**

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

**Question 174:**

You plan to deploy a website to Azure. The website will be accessed by users worldwide and will host large video files.

You need to recommend which Azure feature must be used to provide the best video playback experience.

What should you recommend?

A content delivery network (CDN)

**Question 175:**

Your company plans to deploy several million sensors that will upload data to Azure.

**You need to identify which Azure resources must be created to support the planned solution.**

**Which two Azure resources should you identify? Each correct answer presents part of the solution.**

Azure Data Lake

Azure IoT Hub

**Question 176:**

**You have an Azure web app.**

**You need to manage the settings of the web app from an iPhone.**

**What are two Azure management tools that you can use? Each correct answer presents a complete solution.**

The Azure Portal

Azure Cloud Shell

**Question 177:**

**Your company plans to deploy an Artificial Intelligence (AI) solution in Azure.**

**What should the company use to build, test, and deploy predictive analytics solutions?**

Azure Machine Learning Designer

**Question 178:**

Answer Area			
	Statements	Yes	No
wer:	Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.	<input type="radio"/>	<input checked="" type="radio"/>
	If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	<input type="radio"/>	<input checked="" type="radio"/>
	To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	<input type="radio"/>	<input checked="" type="radio"/>

#### Question 179:

**What can you use to automatically send an alert if an administrator stops an Azure virtual machine?**

Azure Monitor

#### Question 180:

Azure Services	Answer Area
wer:	<input type="text" value="Azure Synapse Analytics"/> Provides a cloud-based Enterprise Data Warehouse (EDW).
	<input type="text" value="Azure Machine Learning"/> Uses past trainings to provide predictions that have high probability.
	<input type="text" value="Azure Functions"/> Provides serverless computing functionalities.
	<input type="text" value="Azure IoT Hub"/> Processes data from millions of sensors.

#### Question 181:

**You have an Azure environment.**

**You need to create a new Azure virtual machine from a tablet that runs the Android operating system.**

**What are three possible solutions? Each correct answer presents a complete solution.**

Use Bash in Azure Cloud Shell

Use PowerShell in Azure Cloud Shell

Use the Azure Portal

**Question 182:**

**A team of developers at your company plans to deploy, and then remove, 50 virtual machines each week. All the virtual machines are configured by using Azure Resource Manager templates.**

**You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines.**

**What should you recommend?**

Azure DevTest Labs

**Question 183:**

### Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	<input type="radio"/>	<input checked="" type="radio"/>
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	<input checked="" type="radio"/>	<input type="radio"/>
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	<input type="radio"/>	<input checked="" type="radio"/>

#### Question 184:

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Subscription1. You sign in to the Azure portal and create a resource group named RG1.

From Azure documentation, you have the following command that creates a virtual machine named VM1. `az vm create --resource-group RG1 --name VM1 --image UbuntuLTS --generate-ssh-keys`

You need to create VM1 in Subscription1 by using the command.

**Solution:** From the Azure portal, launch Azure Cloud Shell and select PowerShell. Run the command in Cloud Shell.

Does this meet the goal?

Yes

#### Question 185:

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Subscription1. You sign in to the Azure portal and create a resource group named RG1.

From Azure documentation, you have the following command that creates a virtual machine named VM1. az vm create --resource-group RG1 --name VM1 --image UbuntuLTS  
--generate-ssh-keys

You need to create VM1 in Subscription1 by using the command.

Solution: From a computer that runs Windows 10, install Azure CLI.

From PowerShell, sign in to Azure and then run the command.

Does this meet the goal?

Yes

**Question 186:**

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

You have an Azure subscription named Subscription1. You sign in to the Azure portal and create a resource group named RG1.

From Azure documentation, you have the following command that creates a virtual machine named VM1. az vm create --resource-group RG1 --name VM1 --image UbuntuLTS  
--generate-ssh-keys

You need to create VM1 in Subscription1 by using the command.

Solution: From a computer that runs Windows 10, install Azure CLI.

From a command prompt, sign in to Azure and then run the command.

Does this meet the goal?

Yes

### Question 187:

Several support engineers plan to manage Azure by using the computers shown in the following table:

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

You need to identify which Azure management tools can be used from each computer.

What should you identify for each computer? To answer, select the appropriate options in the answer area.

Computer1:	<table><tr><td>The Azure CLI and the Azure portal</td><td rowspan="4">▼</td></tr><tr><td>The Azure portal and Azure PowerShell</td></tr><tr><td>The Azure CLI and Azure PowerShell</td></tr><tr><td>The Azure CLI, the Azure portal, and Azure PowerShell</td></tr></table>	The Azure CLI and the Azure portal	▼	The Azure portal and Azure PowerShell	The Azure CLI and Azure PowerShell	The Azure CLI, the Azure portal, and Azure PowerShell
The Azure CLI and the Azure portal	▼					
The Azure portal and Azure PowerShell						
The Azure CLI and Azure PowerShell						
The Azure CLI, the Azure portal, and Azure PowerShell						
Computer2:	<table><tr><td>The Azure CLI and the Azure portal</td><td rowspan="4">▼</td></tr><tr><td>The Azure portal and Azure PowerShell</td></tr><tr><td>The Azure CLI and Azure PowerShell</td></tr><tr><td>The Azure CLI, the Azure portal, and Azure PowerShell</td></tr></table>	The Azure CLI and the Azure portal	▼	The Azure portal and Azure PowerShell	The Azure CLI and Azure PowerShell	The Azure CLI, the Azure portal, and Azure PowerShell
The Azure CLI and the Azure portal	▼					
The Azure portal and Azure PowerShell						
The Azure CLI and Azure PowerShell						
The Azure CLI, the Azure portal, and Azure PowerShell						
Computer3:	<table><tr><td>The Azure CLI and the Azure portal</td><td rowspan="4">▼</td></tr><tr><td>The Azure portal and Azure PowerShell</td></tr><tr><td>The Azure CLI and Azure PowerShell</td></tr><tr><td>The Azure CLI, the Azure portal, and Azure PowerShell</td></tr></table>	The Azure CLI and the Azure portal	▼	The Azure portal and Azure PowerShell	The Azure CLI and Azure PowerShell	The Azure CLI, the Azure portal, and Azure PowerShell
The Azure CLI and the Azure portal	▼					
The Azure portal and Azure PowerShell						
The Azure CLI and Azure PowerShell						
The Azure CLI, the Azure portal, and Azure PowerShell						

### Question 188:



You can access Compliance Manager from the

Azure Active Directory admin center

Azure portal

Microsoft 365 admin center

Microsoft Service Trust Portal

### Question 189:

#### Answer Area

Azure policies provide

Resource groups provide

Azure Resource Manager templates provide

Management groups provide

a common platform for deploying objects to a cloud infrastructure and for implementing consistency across the Azure environment.

### Question 190:

#### Answer Options

Azure Machine Learning

Azure IoT Hub

Azure Bot Services

Azure Functions

#### Answer Area

Azure Bot Services	Provides a digital online assistant that provides speech support
Azure Machine Learning	Uses past trainings to provide predictions that have high probability
Azure Functions	Provides serverless computing functionalities
Azure IoT Hub	Processes data from millions of sensors

### Question 191:

