**Q1:** Which of the following is a correct statement?

a. Private Cloud = Public Cloud + Hybrid Cloud

b. Public Cloud = Hybrid Cloud + Private Cloud

c. Hybrid Cloud = Private Cloud + Public Cloud

**Q2:** Which of the following describes a benefit of cloud services?

a. Economies of scale

b. Fixed workloads

c. Unpredictable costs

**Q3:** When you implement a SaaS (Software as a Service) solution, you are responsible for?

a. Installing patches on Operating System

b. Configure High Availability

c. Configuring the SaaS solution

d. Install SaaS solution

**Q4:** Which of the following refers to spending money upfront and then deducting that expense over time?

a. Capital expenditure

b. Operational expenditure

c. Supply and demand

**Q5:** From the choices below, what is one of the advantages of moving your infrastructure to Azure?

a. The move reduces Capital Expenditures (CapEx)

b. The move reduces Operational Expenses (OpEx)

c. The move allows for complete control of infrastructure resources

**Q6:** Datacenter infrastructure, Server cost, storage cost, network cost, backup & archive cost, business continuity and disaster recovery, technical personal cost are examples of which type?

a. Capital expenditure (CapEx)

b. Operational expenditure (OpEx)

**Q7:** Capital expenditure is the up-front spending of money on physical infrastructure, and then deducting that up-front expense over time.

a. True

b. False

**Q8:** Operational Expenditure is spending money on services or products now and being billed for them now

a. True

b. False

**Q9:** Azure Reserved VM Instances are example of the CapEx pricing model

a. True

b. False

**Q10:** Which of the following terms refers to making a service available with no downtime for an extended period of time?

a. Agility

b. Fault tolerance

c. High availability

**Q11:** Which cloud model provides the greatest degree of ownership and control?

a. Hybrid cloud

b. Private cloud

c. Public cloud

**Q12:** Which cloud model provides the greatest degree of flexibility?

a. Hybrid cloud

b. Private cloud

c. Public cloud

**Q13:** Which of the following describes a public cloud?

a. Is owned and operated by the organization that uses the resources from that cloud.

b. Let organizations run applications in the cloud or on-premises.

c. Provides resources and services to multiple organizations and users, who connect through a secure network connection.

**Q14:** You have legacy applications that require specialized mainframe hardware, and you have newer shared applications. Which cloud deployment model would be best for you?

a. Hybrid cloud

b. Private cloud

c. Public cloud

**Q15:** Microsoft Office 365 is an example of?

a. Infrastructure as a Service (IaaS)

b. Platform as a Service (PaaS)

c. Software as a Service (SaaS)

**Q16:** Which of the following describes a Platform as a Service (PaaS)?

a. Users are responsible for purchasing, installing, configuring, and managing their own software (operating systems, middleware, and applications).

b. Users create and deploy applications quickly without having to worry about managing the underlying infrastructure.

c. Users pay an annual or monthly subscription.

**Q17:** Which of the following requires the most user management of the cloud services?

a. Infrastructure as a Service (IaaS)

b. Platform as a Service (PaaS)

c. Software as a Service (SaaS)

**Q18:** You’re developing an application and want to focus on building, testing, and deploying. You don’t want to worry about managing the underlying hardware or software. Which cloud service type is best for you?

a. Infrastructure as a Service (IaaS)

b. Platform as a Service (PaaS)

c. Software as a Service (SaaS)

**Q19:** In which type of cloud model are all the hardware resources owned by a third-party and shared between multiple tenants?

a. Hybrid Cloud

b. Private Cloud

c. Public Cloud

**Q20:** You are tunning a VM in Azure Cloud. Which model reflects how the resource is managed?

a. User responsibility model

b. Azure responsibility model

c. Shared responsibility model

**Q21:** 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?

a. Yes

b. No

**Q22:** 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?

a. Yes

b. No

**Q23:** 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?

a. Yes

b. No

**Q24:** 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: You use Bash in Azure Cloud Shell. Does this meet the goal?

a. Yes

b. No

**Q25:** 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: You use a computer that runs Windows 10 and has the Azure PowerShell module installed. Does this meet the goal?

a. Yes

b. No

**Q26:** 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 Cloude Services supports cost management for this type of usage pattern?

a. High availability

b. High latency

c. Elasticity

d. Load Balancing

**Q27:** You plan to deploy several Azure virtual machines. You need to control the ports that devices on the Internet can use to access the virtual machines. What should you use?

a. A network security group (NSG)

b. An Azure Active Directory (Azure AD)

c. Network gateway

d. An Azure key vault

**Q28:** Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify a network security group (NSG). Does this meet the goal?

a. Yes

b. No

**Q29:** Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify a DDos protection plan. Does this meet the goal?

a. Yes

b. No

**Q30:** Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify an Azure firewall. Does this meet the goal?

a. Yes

b. No

**Q31:** Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. Solution: You modify an Azure Traffic Manager profile. Does this meet the goal?

a. Yes

b. No

**Q32:** An organization that hosts its infrastructure in a private cloud can close its data center. Instructions: Review the underlines 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.

a. No change is needed

b. In a hybrid cloud

c. In the public cloud

d. On a Hyper-V host

**Q33:** What are two characteristics of the public cloud? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

a. Dedicated hardware

b. Unsecured connections

c. Limited storage

d. Metered pricing

e. Self-service management

**Q34:** You can create Group Policies in Azure Active Directory (Azure AD).

a. True

b. False

**Q35:** You can join Windows 10 devices to Azure Active Directory (Azure AD)

a. True

b. False

**Q36:** You can join Android devices to Azure Active Directory (Azure AD)

a. True

b. False

**Q37:** Your company plans to migrate all its data and resources to Azure. The company’s migration plan states that only Platform as a Services (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?

a. True

b. False

**Q38:** Your company plans to migrate all its data and resources to Azure. The company’s migration plan states that only Platform as a Services (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?

a. True

b. False

**Q39:** Your company plans to migrate all its data and resources to Azure. The company’s migration plan states that only Platform as a Services (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?

a. True

b. False

**Q40:** Your company plans to migrate all its data and resources to Azure. The company’s migration plan states that only Platform as a Services (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?

a. An azure virtual machines, Azure SQL Databases, and Azure Storage Accounts.

b. An Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.

c. An Azure App Service and Azure SQL databases.

d. An Azure storage accounts and web server in Azure virtual machines.

**Q41:** Is Azure Active Directory Domain Services part of Microsoft Entra.

a. True

b. False

**Q42:** You can create multiple managed domains for a single Azure AD directory

a. True

b. False

**Q43:** You can enable Azure AD DS in an Azure Resource Manager virtual network.

a. True

b. False

**Q44:** You can always invite guest user in your directory to use Azure AD DS.

a. True

b. False

**Q45:** You can pause an Azure AD DS managed domain

a. True

b. False

**Q46:** Azure AD DS include high availability options

a. True

b. False

**Q47:** 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 the possible solutions? Each correct answer presents a complete solution. NOTE: each correct selection is worth one point.

a. Use bash in Azure cloud shell

b. Use PowerShell in Azure cloud shell

c. Use the PowerApps portal

d. Use the Security & Complaints admin center

e. Use the Azure portal

**Q48:** You plan to migrate our 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?

a. Software as a service (SaaS)

b. Platform as a service (PaaS)

c. Infrastructure as a service (IaaS)

d. Database as a Service (DaaS)

**Q49:** You have a subscription SUB1 with a virtual machine VM1. You create a new subscription SUB2 and move VM1 to SUB2. Is this possible?

a. True

b. False

**Q50:** You can move VMs to another Azure region

a. True

b. False

**Q51:** Your virtual machine VM1 resides in resource group RG1. You want to copy VM1 to another resource group RG2. Is this possible?

a. Yes

b. No

**Q52:** Your virtual machine VM1 reside in resource group RG1 in subscription A. You want to copy VM1 to another resource group RG2 in subscription B. Is this possible?

a. Yes

b. No

**Q53:** Your company has multiple Azure virtual machines in an availability zone in region A. You are asked to move one virtual machine from this availability zone to another availability zone in region B. Is this possible?

a. Yes

b. No

**Q54:** Your company has a private cloud set up and they want to start using Microsoft Azure hybrid cloud model. They would need to migrate their entire private cloud model to achieve a hybrid cloud model. Is it true or false?

a. True

b. False

**Q55:** Your company has a private cloud setup and they want to start using Microsoft Azure public cloud model. When can an organization decommission its private cloud infrastructure hosted in its data center?

a. When they have a hybrid solution

b. When all of their servers are in the private cloud

c. When all of their servers are in the public cloud

d. When all of their servers are in the public or private cloud

**Q56:**  What does a customer provide in a software as a service (SaaS) model?

a. Application data

b. Data storage

c. Compute resources

d. Application software

**Q57:** Your company plans to deploy several custom applications to Azure. The applications will provide invoicing services to the customer of the company. Each application will have several prerequisite applications services installed. You need to recommend a cloud deployment solution for all the applications what should you recommend

a. Software as a Service (SaaS)

b. Platform as a Services (PaaS)

c. Infrastructure as a Service (IaaS)

**Q58:** 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?

a. Hybrid cloud

b. Private cloud

c. Public cloud

**Q59:** Google Apps, Microsoft Office 365, Gmail, Yahoo and Facebook are examples of SaaS.

a. True

b. False

**Q60:** App Services, Azure Search and Azure CDN are examples of?

a. Software as a Service (SaaS)

b. Platform as a Service (PaaS)

c. Infrastructure as a Service (IaaS)

**Q61:** A company is planning on deploying Microsoft Azure resources to a Resource Group (RG1). But the resources would belong to different locations. Can you have resources that belong to the same resource group but be in multiple locations?

a. Yes

b. No

**Q62:** Microsoft SQL Server 2019 installed on an Azure virtual machine is an example of Platform as a Service (SaaS)

a. Yes

b. No

**Q63:** Azure SQL Database is an example of Platform as a Service (PaaS)

a. Yes

b. No

**Q64:** Azure Cosmos DB is an example of Platform as a Service (PaaS)

a. Yes

b. No

**Q65:** Azure Cosmos DB is an example of Serverless

a. Yes

b. No

**Q66:** You plan to provision Infrastructure as a Service (IaaS) resources in Azure. Which three resources are examples of IaaS?

a. an Azure web app

b. an Azure virtual machine

c. an Azure logic app

d. Azure Disk Storage

e. Azure Virtual Network

**Q67:** You need to manage Azure by using Azure Cloud Shell. Which Azure portal icon should you select? To answer, select the appropriate icon in the answer area. (Imagen)

a. Icono de cmd, solo si se tiene Storage Account

b. N.A.

**Q68:** You plan to extend your company 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 resources should you create? To answer, select the appropriate resource in the answer area.

a. Services

b. NAT gateways

c. Application gateways

d. Local network gateways

e. Virtual network gateways

f. On-premises Data gateways

g. Azure Data Box Gateway

h. Azure Stack Edge / Data Box Gateway

i. Web Application Firewall policies

**Q69:** Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. What are two possible solutions? Each correct answer present

a. Modify an Azure Traffic Manager profile

b. Modify a network security group (NSG)

c. Modify a DDoS protection plan

d. Modify an Azure firewall

**Q70:** You can improve composite SLA by adding redundant service to your application.

a. Yes

b. No

**Q71:** You can improve composite SLA by adding more dependent service to your application

a. Yes

b. No

**Q72:** SLA in Azure is a formal agreement between Microsoft and customers. Which factor is covered in SLA?

a. Durability

b. Scalability

c. Elasticity

d. Availability

**Q73:** During which phase Azure services are subject to a Service Level Agreement (SLA).

a. Private preview

b. Public preview

c. Generally available (GA)

**Q74:** During Public Preview phase only those with special invite can access the service.

a. True

b. False

**Q75:** Azure services in public preview are subject to a Service Level Agreement (SLA).

a. True

b. False

**Q76:** Microsoft Customer Support Services will supply support services during public preview.

a. True

b. False

**Q77:** All Azure services in private preview must be accessed by using a separate Azure Portal

a. True

b. False

**Q78:** Azure services in public preview can be used in production environments

a. True

b. False

**Q79:** Which of the following is correct Lifecycle of Azure Services:

a. Private preview > Public preview > Generally available (GA)

b. Dev preview > Public preview > Generally available (GA)

**Q80:** Single sign-on (SSO) is \_\_\_\_ method that enables users to sign in the first time and access various applications and resource by using same password.

a. a validation

b. an authentication

c. a configuration

d. an authorization

**Q81:** Which Azure Storage replication is the least expensive replication option?

a. Locally redundant storage (LRS)

b. Zone-redudant storage (ZRS)

c. Geo-redudant storage (GRS)

d. Geo-zone-redundant storage (GZRS)

**Q82:** Where does the copies of data maintained in LRS?

a. Within a single region

b. Across separate availability zones

c. Secondary region

d. Primary region and Secondary region

**Q83:** Which Azure Storage replication comes under “Redundancy in the primary region”?

a. Locally redundant storage (LRS)

b. Zone-redundant storage (ZRS)

c. Geo-redundant storage (GRS)

d. Geo-zone-redundant storage (GZRS)

**Q84:** Which Azure Storage replication comes under “Redundancy in a secondary region”?

a. Locally redundant storage (LRS)

b. Zone-redundant storage (ZRS)

c. Geo-redundant storage (GRS)

d. Geo-zone-redundant storage (GZRS)

**Q85:** How many copies of data are maintained by an Azure Storage account that uses locally redundant storage?

a. 3

b. 4

c. 6

d. 9

**Q86:** How many copies of data are maintained by an Azure Storage account that uses Zone-redundant storage (ZRS)?

a. 3

b. 4

c. 6

d. 9

**Q87:** How many copies of data are maintained by an Azure Storage account that uses Geo-redundant storage (GRS)/Read Access – Geo-redundant storage (RA-GRS)?

a. 3

b. 4

c. 6

d. 9

**Q88:** How many copies of data are maintained by an Azure Storage account that uses Geo-zone-redundant storage (GZRS)/Read Access – Geo-zone-redundant storage (RA-GZRS)?

a. 3

b. 4

c. 6

d. 9

**Q89:** Which are Azure Storage access tiers?

a. Hot tier

b. Frequent tier

c. Cool tier

d. Cold tier

e. Archive tier

**Q90:** Blob storage account and a general-purpose storage account, both are same.

a. True

b. False

**Q91:** Which page in Azure portal thar you typically use to assign roles to grant access to Azure resources?

a. Access Control (IAM)

b. Policy hub

c. User Access Management

d. User Roles Management

**Q92:** Azure Active directory lets you set dynamic membership rules.

a. True

b. False

**Q93:** 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?

a. Containers

b. File shares

c. Tables

d. Queues

**Q94:** Which cloud models can you deploy physical servers to?

a. public cloud

b. private cloud, hybrid cloud and public cloud

c. hybrid cloud

d. private cloud and hybrid cloud

**Q95:** Azure pay-as-you-go pricing is an example of CapEx.

a. True

b. False

**Q96:** Paying electricity for your datacenter is an example of OpEx.

a. True

b. False

**Q97:** Deploying your own datacenter is an example of CapEx.

a. True

b. False

**Q98:** Azure provides flexibility between capital expenditure (CapEx) and operational expenditure (OpEx):

a. True

b. False

**Q99:** When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.

a. True

b. False

**Q100:** An Azure resource can have multiple locks.

a. True

b. False

**Q101:** If an Azure resource has a Read-only lock, you can add a Delete lock to the resource?

a. Yes

b. No

**Q102:** An Azure resource inherits locks from its resource group.

a. True

b. False

**Q103:** ReadOnly means authorized users can read a resource, but they can’t delete or update ir.

a. True

b. False

**Q104:** Which built-in roles can create and delete management locks.

a. Owner

b. Contributor

c. User Access Administrator

d. Reader

**Q105:** Delete and CanNotDelete, both locks achieve same objective. Users can read an modify a resource, but they can’t delete it.

a. True

b. False