Q. 1 In which US state is the East US 2 region?

○ California

○ Iowa

○ Virginia

○ Texas

Report Error

Q. 2 What hardware device is required to exist or be installed on your company network in order to set up a site-to-site VPN?

○ Virtual Network

○ VPN Gateway

○ Virtual machine

○ Application Gateway

Report Error

Q. 3 Which of the following Azure features is most likely to deliver the most immediate savings when it comes to reducing service costs?

○ Auto shutdown of development and QA servers over night and on weekends

○ Identifying idle and underutilized resources

○ Changing your storage accounts from globally redundant (GRS) to locally redundant (LRS)

○ Using Azure Policy to restrict the user of expensive VM SKUs

Report Error

Q. 4

Your company is planning on hosting resources within Microsoft Azure.

Is it possible for outside users to have access to resources within Azure, or do the users have to be specifically defined in Azure AD only?

○ Yes, only Azure AD defined users can access Azure resources

○ No, users from the outside can also get access to Azure resources

Report Error

Q. 5

An IT Engineer needs to create a Virtual Machine within Microsoft Azure.

Currently the IT Engineer has a Windows desktop and has installed the Azure Command Line interface.

From which of the following could the IT engineer use the Azure Command Line Interface?

Choose 2 answers from the options given below

☐ File and Print Explorer

☐ Google Chrome

☐ Powershell

☐ Command Prompt

Q. 6

A company is planning on using Azure SQL Data Warehouse for hosting their sales historical data.

Which of the following is a feature of the Azure SQL Data Warehouse architecture?

○ Visualization

○ Scalability

○ High Availability

○ Disaster Recovery

Q. 7

A company wants to start using Microsoft Azure.

They want to make use of availability zones within Azure.

Which of the following is associated with the concept of availability zones within Microsoft Azure?

○ Resource failure

○ Region failure

○ Data Center failure

○ Azure failure

Q. 8 A company wants to try out some services which are being offered by Microsoft Azure in Public Preview.

Do the services in Public Preview within Azure come with an SLA?

○ Yes, it comes with an SLA

○ No, it does not come with an SLA

Report Error

Q. 9

A company wants to try some services which are being offered by Microsoft Azure in Public Preview.

Is it necessary to use a separate Microsoft Azure portal for trying out the services in Public Preview?

○ Yes

○ No

Report Error

Q. 10

Your company needs to deploy and manage several Microsoft Azure Web apps using the Azure App service resource.

Which of the following URL's would you use to manage the Azure Web Apps?

○ https://portal.microsoft.com

○ https://portal.azurewebsites.com

○ https://portal.azure.com

○ https://portal.azurewebsites.net

Report Error

Q. 11 Besides Azure Service Health, where else can you find out any issues that affect the Azure global network that affect you?

○ Install the Azure app on your phone

○ Azure will email you

○ Azure Updates Blog

○ Each Virtual Machine has a Resource Health blade

Report Error

Q. 12 Which Azure service is the recommended Identity-as-a-Service offering inside Azure?

○ Azure Active Directory (AD)

○ Identity and Access Management (IAM)

○ Azure Portal

○ Azure Front Door

Q. 13 For all Virtual Machines that have two or more instances deployed in the same Availability Set, it is guaranteed to have Virtual Machine Connectivity to at least one instance at least _____ of the time.

○ 99.95%

○ 99%

○ 99.99%

○ 95%

Q. 14 What types of files can a Content Delivery Network speed up the delivery of?

○ Images

○ Videos

○ JavaScript files

○ All of These

○ PDFs

Q. 15 Which of the following scenarios would Azure Policy be a recommended method for enforcement?

○ 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?

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

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

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

Q. 16

Your organization has implemented an Azure Policy that restricts the type of Virtual Machine instances you can use.

How can you create a VM that is blocked by policy?

○ Use an account that has Contributor or above permissions to the resource group

○ Subscription Owners (Administrators) can create resources regardless of what the policy restricts

○ The only way is to remove the policy, create the resource and add the policy back

Q. 17 What is the name of Azure's hosted SQL database service?

○ Cosmos DB

○ Table Storage

○ SQL Server in a VM

○ Azure SQL Database

Q. 18 Which ways does the Azure Resource Manager model provide to deploy resources?

- ○ All of these
- ○ REST API / SDK
- ○ Azure Portal
- ○ Powershell
- ○ CLI

Q. 19 What is the default amount of credits that you are given when you first create an Azure Free account?

- ○ You can create 1 Linux VM, 1 Windows VM, and a number of other free services for the first year.
- ○ The default is US$200
- ○ You are given $50 per month, for one year towards Azure services
- ○ Azure does not give you any free credits when you create a free account

Q. 20 Who is responsible for the security of the physical servers in an Azure data center?

- ○ Azure is responsible for securing the physical data centers
- ○ I am responsible for securing the physical data centers

Q. 21 Which feature of Azure Active Directory will require users to have their mobile phone in order to be able to log in?

- ○ Multi-Factor Authentication
- ○ Azure Information Protection (AIP)
- ○ Advanced Threat Protection (ATP)
- ○ Azure Security Center

Q. 22 Correct or Incorrect: You cannot have more than one Azure subscription per company

- ○ Incorrect
- ○ Correct

Q. 23 Which Azure website tool is available for you to estimate the future costs of your Azure products and services by adding products to a shopping basket and helping you calculate the costs?

○ Azure Advisor

○ Azure Pricing Calculator

○ Microsoft Docs

Q. 24 What are Azure Availability Zones?

○ 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.

○ 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.

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

Q. 25 Which of the following is something that Azure Cognitive Services API can currently do?

○ All of these! Azure can do it all!

○ Speak text in an extremely realistic way

○ Recognize text in an image

○ Translate text from one language to another

○ Create text from audio

○ Recognize faces in a picture

Q. 26 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?

○ Storage Account or Event Hub

○ Azure Portal Dashboard

○ Azure Security Center

○ Azure Monitor

Q. 27

Evaluate the text in the bracket to determine if it is correct.

When you are implementing software as a service (SaaS) solution, you are responsible for **(configuring high availability).**

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.

○ Installing the SaaS solution

○ No change is needed

○ Defining scalability rules

○ Configuring the SaaS solution

Q. 28 Azure Services can go through several phases in a Service Lifecycle. What are the three phases called?

○ Announced, Coming Soon, and Live

○ Private Preview, Public Preview and General Availability

○ Development phase, Public Preview and General Availability

○ Development phase, QA phase, and Live phase

○ Preview Phase, General Availability Phase, and Unpublished

Q. 29 Correct or Incorrect: Azure still has some responsibilities to manage the hardware even in the Infrastructure as a Service model

○ Incorrect

○ Correct

Q. 30 Correct or Incorrect: You can create your own policies if built-in Azure Policy is not sufficient to your needs

○ Incorrect

○ Correct

Q. 31 What is the basic way of protecting an Azure Virtual Network subnet?

○ Application Gateway with WAF

○ Azure Firewall

○ Azure DDos Standard protection

○ Network Security Group

Q. 32 What feature of a system makes it elastic?

○ The ability to withstand denial of service attacks

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

○ The ability of it to heal itself after a crash

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

Q. 33 Which Azure service is meant to be a security dashboard that contains all the security and threat protection in one place?

○ Azure Key Vault

○ Azure Security Center

○ Azure Portal Dashboard

○ Azure Monitor

Q. 34 Outlook 365 is what type of hosting model?

○ IaaS

○ SaaS

○ PaaS

Q. 35 With Azure public cloud, anyone with a valid credit card can sign up and get services immediately

○ Correct

○ Incorrect

Q. 36 How many minutes per month downtime is 99.99% availability?

◉ 5 minutes

○ 1 minute

○ 40 minutes

○ 100 minutes

Q. 37 What does the letter R in RBAC stand for?

○ Rule

○ Review

○ Role

○ Rights

Q. 38 What is the recommended way within Azure to store secrets such as private cryptographic keys?

○ Azure Advanced Threat Protection (ATP)

○ In an Azure Storage account private blob container

○ Within the application code

○ Azure Key Vault

Q. 39 For tax optimization, which type of expense is preferable?

○ CapEx

○ OpEx

Q. 40 What does it mean if a service is in Private Preview mode?

○ You have to apply to get selected in order to use that service

○ Anyone can use the service for any reason

○ Anyone can use the service but it must not be for production use

○ The service is generally available for use, and Microsoft will provide support for it

Q. 41 How do you stop your Azure account from incurring costs above a certain level without your knowledge?

○ Set up a billing alert to send you an email when it reaches a certain level

○ Switch to Azure Reserved Instances with Hybrid Benefit for VMs

○ Implement the Azure spending limit in the Account Center

○ Only use Azure Functions which have a significant free limit

Q. 42 What does it mean that security is a "shared model" in Azure?

○ Azure takes care of security completely.

○ You must keep your security keys private and ensure it doesn't get out.

○ Azure takes no responsibility for security.

○ Both users and Azure have responsibilities for security.

Q. 43 What types of resources are defined as "compute resources"?

○ Only Virtual Machines

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

○ All resources that are listed in the Azure Marketplace

Q. 44 If you wanted to get an alert every time a new virtual machine is created, where could you create that?

○ Azure Policy

○ Subscription settings

○ Azure Monitor

○ Azure Dashboard

Q. 45 How much does a Developer level support for Azure cost?

○ $100 per month

○ $0 per month

○ $29 per month

○ $1,000 per month

Q. 46 What are resource groups?

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

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

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

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

Q. 47 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 Advisor

○ Azure Dashboard

○ Azure Service Health

○ Azure Monitor

Q. 48 Which feature within Azure alerts you to service issues that happen in Azure itself, not specifically related to your own resources?

○ Azure Service Health

○ Azure Security Center

○ Azure Portal Dashboard

○ Azure Monitor

Q. 49 What are two components of deploying Azure App Services applications?

- ☐ Configuration
- ☐ Database scripts
- ☐ Managing operating system updates
- ☐ Packaged code

Q. 50 Correct or Incorrect: There are no service level (SLA) guarantees when a service is in General Availability (GA)

- ○ Correct
- ○ Incorrect

Q. 51 A virtual machine is called what type of hosting model?

- ○ SaaS
- ○ IaaS
- ○ PaaS

Q. 52 Which of the following is a feature of the cool access tier?

- ○ Significant delays in accessing your data, up to several hours
- ○ Much cheaper to store your files than the hot access tier
- ○ Most expensive option when it comes to bandwidth cost to access your files
- ○ Cheapest option when it comes to bandwidth costs to access your files

Q. 53 Why would someone prefer a Consumption-based pricing model as opposed to a Time-based pricing model?

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

○ 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

○ The pricing model is simpler and easier to understand

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

Report Error

Q. 54 What is the maximum amount of Azure Storage space, a single subscription for standard storage accounts?

○ 500 GB

○ None of these

○ 2 TB

○ 5 PB

Report Error

Q. 55 What Azure product allows you to autoscale virtual machines from 1 to 1000 instances, and also provides load balancing services built in?

○ Azure Virtual Machines

○ Virtual Machine Scale Sets

○ Azure App Services

○ Application Gateway

Report Error

Q. 56 What is the service level agreement for two or more Azure Virtual Machines that have been manually placed into different Availability Zones in the same region?

○ 99.99 percent

○ 90 percent

○ 99.5 percent

○ 100 percent

Report Error

Q. 57 What is the benefit of using a command line tool like Powershell or CLI as opposed to the Azure portal?

○ Automation

○ Cheaper

○ Quicker to deploy VMs

Q. 58 What is the benefit of using Powershell over CLI?

○ Cheaper

○ More powerful commands

○ Quicker to deploy VMs

○ No benefit, it's the same

Q. 59 Why is user id and password sometimes not enough to prove someone is who they say they are?

○ Passwords must be encrypted before being stored

○ Some people might choose the same user id and password

○ Passwords are usually easy to forget

○ User id and password can be used by anyone such as a co-worker, ex-employee or hacker half-way around the world

Q. 60 What is the concept of Availability?

○ A system that has a single point of failure

○ A system that can scale up and scale down depending on customer demand

○ The percentage of time a system responds properly to requests, expressed as a percentage over time

○ A system must have 100% uptime to be considered available

Q. 61 Which of the following elements is considered part of the "perimeter" layer of security?

- ○ Use a firewall

- ○ Locks on the data center doors

- ○ Keep operating systems up to date with patches

- ○ Separate servers into distinct subnets by role

Q. 62 Which of the following is a good example of a Hybrid cloud?

- ○ Technology that allows you to grow living tissue on top of an exoskeleton, making Terminators impossible to spot among humans.

- ○ A server runs in your own environment, but places files in the cloud so that it can extend the amount of storage it has access to.

- ○ Your code is a mobile app that runs on iOS and Android phones, but it uses a database in the cloud.

- ○ Your users are inside your corporate network but your applications and data are in the cloud.

Q. 63 Which free Azure security service checks all traffic travelling over a subnet against a set of rules before allowing it in, or out.

- ○ Azure Firewall

- ○ Azure DDoS Protection

- ○ Network Security Group

- ○ Advanced Threat Protection (ARP)

Q. 64

Windows servers use **"remote desktop protocol"** (RDP) in order for administrators to get access to manage the server. Linux servers use SSH.

What is the recommendation for ensuring the security of these protocols?

○ Disable RDP access using the Windows Services control panel admin tool

○ Do not enable SSH access for Linux servers

○ Ensure strong passwords on your Windows admin accounts

○ Do not allow public Internet access over the RDP and SSH ports directly to the server. Instead use a secure server like Bastion to control access to the servers behind.

Q. 65 What is the minimum charge for having an Azure Account each month, even if you don't use any resources?

○ 200

○ zero

○ 1

○ Negotiated with your enterprise manager

Q. 66 What is a benefit of economies of scale?

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

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

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

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

Q. 67 State whether the following statement is correct or incorrect:

Azure Cloud Shell allows access to the CLI and Powershell consoles in the Azure Portal

○ Incorrect

○ Correct

Q. 68 How many regions does Azure have in Brazil?

○ 1

○ 2

○ zero

◉ 4

Q. 69 How do you get access to services in Public Preview mode?

○ You must agree to a terms of use first.

○ They are available in the marketplace. You simply use them.

○ Clicking on the information banner customers then opt-in to

○ You cannot use private preview services.

Q. 70 Who is responsible for the security of your Azure Storage account access keys?

○ I am responsible for securing the access keys

○ Azure is responsible for securing the access keys

Q. 71 What service does Azure provide as an optional upgrade to protect against DDoS attacks?

○ Advanced Threat Protection (ATP)

○ Azure protects against DDoS as part of it's basic offering and there is no service you can upgrade to

○ Azure DDos Protection Standard

○ Azure DDos Protection Basic

Q. 72 What Azure tool gives you the ability to manage multiple subscriptions into nested hierarchies?

- ○ Azure Active Directory
- ○ Management Groups
- ○ Resource Groups
- ○ RBAC

Q. 73 What is Single Sign-On?

- ○ When an application outsources (federates) it's 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 use an existing userid and password to sign in other applications, and not have to create/memorize a new one.

Q. 74 Which tool within Azure helps you to track your compliance with various international standards and government laws?

- ○ Service Trust Portal
- ○ Compliance Manager
- ○ Azure Government Services
- ○ Microsoft Privacy Statement

Q. 75 What is the most number of virtual machines that can be managed under a single Virtual Machine Scale Set?

- ○ 10
- ○ 1
- ○ 100
- ○ 1000

Q. 76 Logic apps, functions, and service fabric are all examples of what model of compute within Azure?

○ IaaS model

○ App Services Model

○ SaaS model

○ Serverless model

Q. 77 What benefit does a Content Delivery Network (CDN) provide its users?

○ For a small fee, Azure will take over management of your virtual machine, perform OS updates and ensure it's running well

○ Allows you to keep temporarily session information on the web visitor such as their login ID or their name

○ Allows you to reduce the traffic coming into a web server for static, unchanging files such as images, videos and PDFs

○ Allows you to store data that can be retrieved later in an extremely fast and inexpensive manner

Q. 78 What is a DDoS attack?

○ An attempt to read the contents of a web page from another website, thereby stealing the user's private information

○ A denial of service attack that sends so much traffic to a network that it cannot respond fast enough; legitimate users become unable to use the service

○ An attempt to guess a user's password through brute force methods

○ An attempt to send SQL commands to the server in a way that it will execute them against the database

Q. 79 Can you give someone else access to your Azure subscription without giving them your user name and password?

○ No

○ Yes

Q. 80 Where is Azure's region in Africa located?

○ Egypt

○ Nigeria

○ Cameroon

○ South Africa

Q. 81 Which major cloud provider offers the most international locations for customers to provision virtual machines and other servers?

○ Google Cloud Platform

○ Amazon AWS

◉ Microsoft Azure

Q. 82 Correct or Incorrect: Azure is a public cloud, and has no private cloud offerings

○ Incorrect

○ Correct

Q. 83 What is the main management tool used for managing Azure resources with a graphical user interface?

○ PowerShell

○ Remote Desktop Protocol (RDP)

○ Azure Portal

○ Azure Storage Explorer

Q. 84 What is the name of the group of services inside Azure that host the Apache Hadoop big data analysis tools?

○ Azure Hadoop Services

○ HDInsight

○ Azure Data Factory

○ Azure Kubernetes Services

Report Error

Q. 85 Correct or Incorrect: You should not use preview mode features for production applications

○ Incorrect

○ Correct

Report Error

Q. 86 If you wanted to simply use Azure as an extension of your own datacenter, not primarily hosting anything there but using it for extra storage or taking advantage of some services, what hosting model is that called?

○ Hybrid Cloud

○ Public cloud

○ Private cloud

Report Error

Q. 87 What is Azure's preferred Identity/authentication service?

○ Network Security Group

○ Facebook Connect

○ Azure Active Directory

○ Live Connect

Report Error

Q. 88 What feature within Azure will make recommendations to you about reducing cost on your account?

○ Azure Dashboard

○ Azure Service Health

○ Azure Advisor

○ Azure Security Center

Report Error

Q. 89 Which European nation has it's own Azure Region that is specifically set for strict adherence to data privacy standard unlike any other region?

○ Germany

○ Norway

○ France

○ UK

Report Error

Q. 90 Where is Azure's region in the Middle East located?

○ Turkey

○ UAE

○ Jordan

○ Saudi Arabia

Report Error

Q. 91 Why should you divide your application into multiple subnets as opposed to having all your web, application and database servers running on the same subnet?

○ Each server type of your application requires its own subnet. It's not possible to mix web servers, database servers and application servers on the same subnet.

○ There are only a limited number of IP addresses available per subnet, so you need multiple subnets over a certain number.

○ Separating your application into multiple subnets allows you to have different NSG security rules for each subnet, which can make it harder for a hacker to get from one compromised server onto another.

Report Error

Q. 92 What operating systems does an Azure Virtual Machine support?

○ Linux

○ Windows

○ macOS

○ Windows and Linux

○ Windows, Linux and macOS