## **AWS140 - Developing on AWS**

(Student Version)

No	Questions	Help
1	What is the most inexpensive instance type available in AWS?	Single Answer
	( ) Reserved	
	( ) On-Demand	
	( ) Pay-As-You-Go	
	( ) Spot	
2	Which of the following features allows you to specify the number of EC2 instances that support an application?	Single Answer
	( ) Auto-Scaling	
	( ) Serverless	
	( ) Multi-AZ	
	( ) Load-Balancing	
3	Why would you use a Multi-AZ deployment for an application?	Single Answer
	( ) Reduce data replication between zones	
	( ) Copy data across multiple regions	
	( ) Increase application resiliency	
	( ) Increase data accuracy	
4	What is the name of the AWS SDK for Python?	Single Answer
	( ) AWS Python	
	( ) AWS CLI	
	( ) Boto3	
	( ) Cloud9	
5	What tool is used to create and manage AWS users and groups?	Single Answer
	( ) S3	
	( ) Cloud9	
	( ) IAM	
	( ) Boto3	
6	Which of the following can be used as developer tools in AWS?	Multiple Answers
	[ ] PowerShell	
	[ ] Cloud9	
	[ ] PyCharm	
	[ ] AWS CLI	
	[ ] Visual Studio	

7	What two items make up an access key?	Multiple Answers
	[ ] password	
	[ ] secret access key	
	[ ] user name	
	[ ] access key ID	
8	A user can login to the AWS Management Console using an access key ID and secret access	True / False
	key.	
	( ) True	
	( ) False	
9	How do you modify the permissions for an AWS managed policy?	Single Answer
	( ) Use the IAM Management Console	
	( ) This cannot be done	
	( ) Use the AWS CLI	
	( ) Put in a request to AWS	
10	You must use an IAM user account to access AWS resources.	True / False
	( ) True	
	( ) False	
11	DynamoDB is a NoSQL, globally scalable database solution?	True / False
	( ) True	
	( ) False	
12	AWS Lambda allows you to deploy code using a serverless deployment.	True / False
	( ) True	
	( ) False	
13	Which of the following databases is not supported by Amazon RDS?	Single Answer
	( ) MariaDB	
	( ) Oracle	
	( ) SQL Server	
	( ) MongoDB	
	( ) PostgreSQL	
14	Which of the following managed database solutions is used for OLAP deployments in AWS?	Single Answer
	( ) Aurora	
	( ) DynamoDB	
	( ) Neptune	
	( ) Redshift	

( ) environment variables ( ) Secrets Manager ( ) parameters ( ) metadata  16 Which of the following are possible reasons to use API Gateway? [ ] Monitor APIs [ ] Publish APIs [ ] Publish APIs [ ] Secure APIs  17 Which of the following is NOT a recommended best practice when developing an API? ( ) Use HTTP 500 error code for error handling ( ) Test invoking the API before deploying it ( ) Cache only GET methods ( ) Use IAM to authenticate all application users  18 Which of the following tools are used to deploy infrastructure as code (IAC) in AWS? (Choose 2) [ ] Cloudformation [ ] Deployment Manager [ ] Terraform [ ] Step Functions  19 What is the longest running time of an AWS Lambda function? ( ) 30 seconds ( ) 15 minute ( ) 60 seconds ( ) 15 minutes  20 Which AWS service is used to log API calls? ( ) Stackdriver ( ) CloudWatch ( ) CloudWatch ( ) CloudTrail ( ) S3  21 Which of the following services can be used as for serverless application message queuing in AWS? ( ) Amazon SQS ( ) Amazon SQS ( ) Amazon SQS ( ) Amazon SNS	15	From the following options which is the best tool for storing AWS Lambda credentials?	Single Answer
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		( ) AWS Step Functions	
( ) Amazon SNS		( ) Apache Kafka	
		( ) Amazon SNS	

Prepared By: Neil Tucker

22		of the following features makes Amazon Simple Queue Service (SQS) FIFO queues ent from Standard queues?	Single Answer
	()	Sending messages to emails	
	()	Sending messages to multiple subscribers	
	()	Guaranteeing the order of messages	
	()	Support for HTTP endpoints	
23	Amazo	on SQS supports open stanard APIs and protocols such as STOMP, MQTT and JMS.	True / False
	()	True	
	()	False	
24	Amazo	on SNS can send messages to SQS.	True / False
	()	True	
	()	False	
25	Subsc	ribers to an SNS topic can filter messages published to it.	True / False
	()	True	
	()	False	
26	Which	of the following protocols is supported for SNS subscribers.	Multiple Answers
	[]	HTTP(S)	
	[]	Amazon SQS	
	[]	Email	
	[]	Mobile	
	[]	SMS	
	[]	Kinesis Firehose	
	[]	AWS Lambda	
27	What	is the cost of sending 1 million email notifications with Amazon SNS?	Single Answer
	()	The first 1 million are free	
	()	All email notifications are free	
	( )	Not enough information is provided to answer this question	
	( )	The first 100,000 are free and \$0.60 per million after that	
28	Which	of the following databases offers in-memory, multithreaded, data caching services?	Single Answer
	()	Athena	
	()	Redshift	
	( )	Redis	
	( )	Memcached	

29	Which of the following databases offers in-memory, data caching services with Auto Failover capabilities?		Single Answer
	()	Memcached	
	()	Redshift	
	()	Athena	
	()	Redis	
30	Which of applica	of the following services allows you to easily add sign-up and sign-in capabilities to tions?	Single Answer
	( )	IAM	
	()	Facebook	
	()	Cognito	
	()	Secrets Manager	