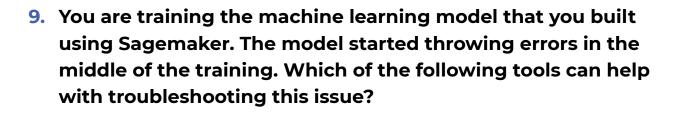1. **You are building an image classifier using AWS Sagemaker and you want to upload the data for training in an S3 bucket. You want to access the data frequently for training and evaluation purposes. What storage class would you choose?**

   A S3 Intelligent-Tiering

   B S3 Standard-Infrequent Access

   C S3 Standard

   D Amazon S3 Glacier

2. **What are the policies that can be created using Object Tags for the S3 objects? (select 2)**

   A IAM policies

   B S3 LifeCycle Policies

   C Restricted Policies

   D Associated Tags

3. **You want to store the backup of your laptop securely and you want to access the backup only when you wish to reboot the laptop. What storage class would you prefer for this purpose?**

   A S3 Standard

   B S3 Intelligent-Tiering

   C S3 Standard-Infrequent Access

   D Amazon S3 Glacier

4. **Jim is working on a project and wants to store all his data in his S3 bucket but he wishes to keep his files in the bucket only for a year and after that he wants the S3 bucket to be deleted automatically. What is the best possible option to achieve this?**

   A Using Expiration role from Object Tags

   B Using Delete Action from lifecycle configuration

C   Using Delete tag available in S3

D   Using Expiration Action from lifecycle configuration

5. **John stores all of his work-related documents on S3. He requires the data that he has uploaded in the past 15 days. Data which he has uploaded before are required only once in a year. What approach will help him lower the billing cost on S3?**

A   He must manually choose the document from the bucket

B   He should use Transfer tags from Object tags to move the documents based on duration requirements

C   He could use Object Lifecycle Management feature per bucket to transfer the documents between S3 storage classes based on his duration requirements

D   He should use two different buckets to maintain frequently accessed documents and infrequently accessed documents

6. **You want to build a ML model in Sagemaker. You want to make sure that the sensitive data being used for training is secured. Which type of encryptions will help you achieve this? (select 2)**

A   SSE-S3

B   AWS SE

C   AWS SSD

D   AWS KMS

7. **Since your model is being trained on very sensitive data, you have enabled inter-container traffic encryption. How will this affect the training?**

A   Increase in training time when using distributed deep learning algorithms

B   Increase in training accuracy when using distributed deep learning algorithms

C Decrease in training time when using distributed deep learning algorithms

D Decrease in training accuracy when using distributed deep learning algorithms

8. **You have created a model using XGBoost algorithm and it has been running in production. You want to check the statistics reported by the inference algorithm. How can you check that?**

   A You can use Cloudtrail Logs

   B You can use CloudWatch Events

   C You can use Cloudtrail Events

   D You can use CloudWatch Logs

9. **You are training the machine learning model that you built using Sagemaker. The model started throwing errors in the middle of the training. Which of the following tools can help with troubleshooting this issue?**

   A AWS Logs

   B CloudWatch

   C CloudSecurity

   D AWS Monitor

10. **You want to improve the security and reduce the egress costs for your S3. How can you achieve this?**

    A Use VPC endpoint

    B Use inference endpoint

    C Use IAM polices to modify these

    D Use Cloudtrail

ANSWER KEY:

1. C

2. A, B

3. C

4. D

5. C

6. A, D

7. A

8. D

9. B

10. A