Assignment Interview question

Note: -

Please prepare the answer of these questions in brief: - (in

your own words)

1. **What is the need of IAM?**
   We can create users, groups and roles with IAM and grant or deny access to resources with policies. We then provide our identity in the form of username and password or an access token and secret to access the AWS resources.

2. **If I am a non tech person, how will you define policies in IAM.**
   Polices are used to set permissions and boundaries, if you are a non tech person there is a chance for mis-use of resources, so by using polices we can restrict, control and set alarms to avoid unnecessary billings, etc.

3. **Please define a scenario in which you would like to create your own IAM policy.**
   If we are working in an organization, example I am working as a L1 cloud support engineer then I have only access for limited resources and L2 people will have higher access than me, in these situations there is need to create own IAM policies both L1 and L2 Team users.

4. **Why do we prefer not using root account?**
   Root is the superuser account in a Linux means like the stone of thanos, once the root account is compromised or hacked then they(hackers) will have the complete system access, they can stop the applications and modify the settings, even they ask for ransom to unlock, etc.

5. **How to revoke policy for an IAM user?**
   Login to AWS account search for IAM service and navigate to IAM dashboard there select users and click on user whom you want to revoke policy and go to permissions click on "X" symbol on the attached policies.

6. Can a single IAM user be a part of multiple policy via group and root? how?
   Yes, single user can be a part of multiple policy via group and root, while creating a user we add a policy, same user is added to any group then whatever the policies attached to the group will be inherited by user similarly a single user can be a part of multiple policies.