Q1 Write down the necessary steps to create Linux Server in AWS platform.

Creation :-

Step - ① :- Go to account : AWS (Amazon web Service)

Step - ② :- click Services

Step - ③ :- Click EC 2 Virtual Server

Step - ④ :- we can see the instances pair, dedicated host, key pairs etc .

Step - ⑤ :- Click Launch Instance .

Step - ⑦ :- Give the server name .

Step - ⑧ :- In the application, choose Linux AWS & wait for Linux . (which server, we want ?)

Step - ⑨ :- we need to go through ROOT user .

Step - ⑩ :- Key pair name ⇒ Create new key pair
⇩
There, we need to give a name .

Step - ⑪ :- Select :-
Key type ⇒ RSA
Key format ⇒ .ppk [Private PUTTY Key]

Step - ⑫ :- Download & install the PUTTY software .

Step - ⑬ :- enable all the user's demand :-
http, https, ssh ... etc .

Step - ⑭ :- Launch Instance
↳ Id will be created → click it .
(Instance successfully created)

CONNECTION :-

Step-①:- Select the instance server.

Step-②:- Copy the public IP address.

Step-③:- Go to the start of the PC.
⇩

Open PUTTY ⟹ Paste the IP address.

Step-④:- There at the PUTTY platform, expand SSH type.
Then expand Auth, then double click on
credentials.

Step-⑤:- Private key file authentication
⇩

Browse & select the ppk file which
has been downloaded.

Step-⑥:- Then click open & accept.

Step-⑦:- login as :- ec2-user [enter]
[Linux server has been created successfully]

Step-⑧:- After using the instances, make sure to
terminate the instances.
⇩

Click Services → Click Instances → Instance state
⇩
Terminate.

Step-⑨:- Hence by clicking Terminate, Instance will be terminated.

Q2. Write down the steps to create a windows server in AWS platform.

CREATION :-

Steps
1. Click Services.
2. Click EC2 virtual Server.
3. Check for Instance running → If others are running, then do terminate them.

4. Click on Launch Instance
5. Give a name to the server.
6. Then at the Stockholm → Select Mumbai zone.
7. Then, at application, choose windows → 2019 base
   [Desktop Experience]
   [Free tier]

8. Instance type :- t2 micro.
   └→ Means :- 2 microprocessors will run after the creation of Instance.

9. Create new key pair → Give a name.
10. Keep :-

    Key type :- RSA
    Key format :- .pem [Privacy Enhanced Mail]
                       [OpenSSH]

11. Then enable all the user's demand as in :-
    http, https, ssh ---- etc.

Teacher's Signature _____

⑫. Do launch the instance.
  ↳ Get an id
      ↳ Indicates, instance has been
         successfully created.

CONNECTION:-

Steps

①. click on the ID.
②. Select the server. (Enable the instance, you want
                          to use.)

③. Click on connect.
      ↳ Connect through RDP client.
                         (Remote Desktop
                            Protocol.)

④. copy the Administrator.
⑤. Download remote desktop file
⑥. Get password.
⑦. Upload the private key file. (.pem file)
      ↳ Downloads → Open
                 ↳ Decrypt password.

⑧. copy the password.

Expt. No. _____

9. Click on the downloaded remote desktop file [servername. rdp.]
　　└→ Connect
　　　　└→ Paste the password
　　　　　　└→ Click Yes
　　　　　　　　└→ OK.

10. Thus, the instance has been successfully connected.
[window server has been created]

11. "Do you want to allow your PC to be discoverable..." a question comes :- Click NO.

12. After using it, make sure to terminate the instance.
　　└→ Click on Services
　　　　⇩
　　　Instances
　　　　⇩
　　Click all the service.
　　　　⇩
　　Instance state
　　　　⇩
　　Terminate.

Thus, the services will be terminated successfully by following the above steps.

Q3. Write down the necessary steps to create a free tier account to google cloud platform?

Steps

①. Open Google page.

②. Type gcp free tier account.

③. Click cloud.google.com.in

④. Get started for free - - - - - ▷ works for
90 days only.

⑤. Click Agree & Continue.

⑥. Enter the card details
↓
Enter name & cvv (private key)

⑦. Enter the otp, and make the corresponding payment.

⑧. Click start free.

⑨. By clicking so, computing Engine page will be opened up.

⑩. Click compute Engine.

⑪. Then VM instances. [VM → Virtual Machine]

⑫. Start free
↳ Agree & continue ⟶ continue.

⑬. Enable instance.

⑭. Thus, the ~~account~~ has been created in gcp.

Q4. write down the steps to create a free tier account in AWS platform.

Steps

①. First open the browser and search AWS Free tier page.

②. Click on Create a Free Account.

③. Provide the email ID that hasn't been registered yet in Amazon AWS.

④. Type the password.
 └→ Do confirm it.

⑤. Give AWS Account name.

⑥. Click Verify email Address.

⑦. Give some personal information
 └→ Name, numbers, address, city, state, postal code et..
 └→ continue.

⑧. Make the payment.
 └→ By giving the card details
  └→ Also include PAN details
   └→ continue.

⑨. Then Amazon will charge 2 INR. (country → India)

⑩. Phone verification will be done. by giving an OTP to the given / registered mobile number.

⑪. Give the code → Verify code.

⑫. Select a support plan

        └→ Basic support : Free

                  └→ Complete sign up.

⑬. Once all the steps are completed, the Registration confirmation Page will be received.

⑭. Thus, AWS - Amazon Cloud Services account has been activated.

                  └→ Can go to the console now.

    ✓
valid
for
12 - months