Index No: 18000045
S.A.T.N.Abeysinghe

Q1)

Mobile App Name	Support Mobile OS	Approx. User base
Uber	iOS and Android	500M+
Lyft	iOS and Android	10M+
Cabify	iOS and Android	10M+
Bolt	iOS and Android	10M+
Pick me	iOS and Android	6M+

Q2)

Uber App

1. Driver review and rating
2. Allow others to follow ride in real-time
3. Multiple payment options
4. Add multiple drop-off points
5. Preferred driver

Q3)

1. Multiple payment options
   - Check whether each payment options are working properly
     Ex: users should be able to use any of the methods given in the app properly.
   - Check the details entered by the customers for payment methods are secure and security implementations of the app are working properly.
     Ex: Payment details of the customers should be hidden from all the other users of the app.
   - Check if card payments are correctly credited to the driver's account after a card payment is done by a customer.

2. Driver review and rating
   - Check if customers can rate a driver properly with rating functions off the app.
   - Check if customers can add comments about drivers' quality with review function of the app.
   - Check if automated warning is correctly given for the low rated vehicle owners.

Q4)

Functional Testing

- This test should be done to check whether the functional requirements are achieved and are working properly as individual units. This includes testing of the user login, registration, taxi search, taxi booking, payment etc.

Performance Testing
- This test is done to check if the app is working fine even with minimum hardware and network requirements such as Low network connectivity

Security and Vulnerability Testing
- Since there are payments done within the app a security and vulnerability test should be done. Also, the user's privacy details should be inaccessible to other parties.

Usability Testing
- The flow of the app should be tested such that whether the users can easily interact with the app and get their requirement done.

Compatibility Testing
- Check whether the app is compatible in different devices. User interfaces should be tested in different devices with different screen sizes and different versions of the operating system
  - Ex: should be tested in all the currently available versions of Android and IOS

Q5)
- TestComplete
- Calabash
- Webload