

- Explain different method of functional testing.
Explain Boundary Value testing.
- Write feature test cases to test: Google search box
- What is upgrade testing and what are challenges associated with this upgrade testing?
- If youtube stops playing videos on particular browser, what will you do?
- If you are given 100 test-cases. You have to complete the task EOD, which test-cases will you prefer and why?
- Section 2: Basic: OS, Database, Network concepts. (15 min)
- Question Set 1: OS/VM (5 min)
- Explain commands to view last ten lines of log
- Write command to connect to linux machine
- Explain the columns we get after executing `ls -l` output.
- How to copy data from one machine to another machine. Which command to use.
- What is the difference between SCP and SMB.
- What is TCP and UDP. What is the difference between them.
- How to test that a machine is alive or not.
- Which command can be used to check if a process is running or not.
- What is “vim” or “vi” and what it is used for
- Question Set 2: Database: (5 min)

- How do you delete a record from a database?
- How could I get distinct entries from a table?
- What is a join and explain different types of joins with examples
- Question set 3: Network concepts (5 min)
- What is DNS system?
- What is a DNS resource record?
- Why do we use subnet mask? What are its uses?
- Section 3: Software Lifecycle/Agile/test process.: (5 min)
- Explain software life cycle
- Explain agile vs waterfall model. Which one you like the most and why?
- General: you are given a task to test a new feature. Explain the different tasks you will do to make sure testing is complete before you sign off.
- What is your approach to test when requirements change continuously?
- Where automation fits in testing in agile ?
- Section 4: Automation Testing (10 min)
- Which automation testing tools have you used?
- What are assertions in the automated test and why assertions are important? Give example of Java - test framework you have used to write assertions.
- UI Automation: How we identify element from UI Page? (Selenium IDE)
- Section 5: Programming Skills (15 min)

- Start with: What your programming language of choice and what's the expertise level?
- Question set 1: Theory Questions: 1. What are the principle concepts of OOPS?
- What are access modifiers? Explain any two commonly used access modifiers?
- What is polymorphism? Write a small code snippet to show polymorphism
- Which data- structure will you use to store key/value pairs?
- What's the difference between an interface and an abstract class? Also discuss the similarities.
- Question on any data structure: Explain HashMap(Java) data structure
- Explain any tools used for testing api?
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- Programming questions: (10 min)
- Write a program to find maximum number in an array
- What shell command would you use to show a list all files in a directory?
- How would you find the PID of a process named discovery?
- How would you make a file executable?
- How would you check disk utilization?
- How would you find which directories take up the most space?

- Write a MySQL query that will return all values from a row with an ID of 3 from the policies table.
- Write a MySQL query that will update the peers table to change the capacity value to 10,000 for server_id 6.
- Name a networking protocol other than TCP/IP.

- 7 testing principles
- Разлика между test case и use case. може ли всеки use case да бъде test case и обратното
- Test Plan - съдържание, кой го пише, кой го изпълнява
- Как се описва бър, коя ми е първата и последната стъпка в процеса на репортване на бър
- Acceptance testing
- Integration testing
- System Testing - какви са разликите между тези нива на тестване и кой е отговорен във всяко ниво
- Как се пише unit test
- Статични техники за тестване
- Black-box/white-box techniques
- Примери за EP и BVA
- Positive/negative testing
- Каква е разликата между smoke и sanity testing
- Каква е разликата между defect и fault
- Scrum

- SDLC
- Version - build - каква е разликата, може ли билда да е версия
- Какво е sql
- [sql] какво е primary key
- [sql] каква е разликата между drop и delete
- [sql] каква е разликата между drop table и truncate table
- [sql] кои са най-използваните команди
- [sql] заявка от типа на select* from [table_name] where id>100
- Как според мен трябва да изглежда един business requirement
- Ситуация, когато преди UAT става ясно, че не е имплементирана ключова функционалност. какво трябва да се направи?
- Горната ситуация - какво трябва да се промени в работата на qa отдела, за да не се допуска подобен случай отново
- Ако в процеса на работа имам проблем към кого ще се обърна
- Как се тества тест кейс
- Как ще тествам поле от форма за регистрация, ако знам, че могат да се регистрират само потребители над 18г.
- ще тествам ли с 18.5г
- Какво е continuous integration CI/CD
- What is internet? WWW

- What types of testing do you know?
- Where have you done usability testing?
- What is usability testing?
- What is a test case?
- What does a test case have?
- What is a blocker?
- What would you do if: The developer thinks a bug is not a bug
- What is a use case?
- How would you test this?
- What is Selenium?
- What is Java script
- What are: priority and severity. What is the difference? Examples.
- What Software Development methodologies do you know?