

Launchpad Pre-Learning Assessment

Total points 114/115

This section consists of 25 questions from API testing module.

The respondent's email (**srinath.s@moolya.com**) was recorded on submission of this form.

25 of 25 points

What is an API? *

1/1

- ☐ Advanced Platform Integration
- ☐ Advanced Programming Interface
- ☐ Application Pattern Implementation
- ☒ Application Programming Interface

What are the ways in which we use APIs in our daily life? *

1/1

- ☐ Place orders online
- ☐ Make reservations at a restaurant or hotel
- ☐ Flight booking
- ☒ All of these



API Request-Response cycle supports which protocol? *

1/1

- ☐ Simple Mail Transfer Protocol (SMTP)
- ☐ File Transfer Protocol (FTP)
- ☒ HyperText Transfer Protocol (HTTP)
- ☐ Post Office Protocol (POP)

What is the HTTP method to retrieve the resources from the server? *

1/1

- ☒ GET
- ☐ PUT
- ☐ POST
- ☐ DELETE

Which type of parameters are not required in API calls of GET method? *

1/1

- ☒ BODY PARAMETERS
- ☐ PATH PARAMETERS
- ☐ BOTH
- ☐ NONE



Which type of HTTP method helps us partially update a resource? *

1/1

- ☐ GET
- ☐ POST
- ☒ PATCH
- ☐ DELETE

What is Base URL? *

1/1

- ☒ The common part of an API URL
- ☐ The uncommon part of an API URL
- ☐ Both the options
- ☐ None

Which type of HTTP method helps us remove an existing resource from the backend? *1/1

- ☐ GET
- ☐ PUT
- ☐ POST
- ☒ DELETE



CRUD Stands for? *

1/1

- ☒ Create, Retrieve, Update and Delete
- ☐ Create, Receive, Update and Delete
- ☐ Create, Retrieve, Use and Delete
- ☐ Create, Retrieve, Update and Deprecate

What is a Collection in Postman? *

1/1

- ☐ An API
- ☒ A group of saved request
- ☐ A folder
- ☐ A runner

What is the function of History tab in Postman? *

1/1

- ☐ History is a collection.
- ☒ Every request you send in Postman appears under the History tab of the sidebar.
- ☐ History is a folder.
- ☐ None



Which of the following methods are supported by REST API? *

1/1

- ☐ GET
- ☐ PUT
- ☐ DELETE
- ☒ ALL OF THESE

Which category does the HTTP code '1XX' belong to? *

1/1

- ☐ Redirection
- ☐ Client Error
- ☒ Informational
- ☐ Success

What is JSON stand for? *

1/1

- ☐ JavaScript Object Naming
- ☐ JavaScript Object Number
- ☐ JavaScript Object Notification
- ☒ JavaScript Object Notation



What does the HTTP code 200 indicate? *

1/1

- ☒ Success
- ☐ Error
- ☐ Completed
- ☐ Warning

What does the Acronym REST stand for? *

1/1

- ☐ REST Assured API
- ☐ Representational Assured API
- ☒ Representational State Transfer
- ☐ Rest Interface

Which category does the HTTP code '4XX' belongs to? *

1/1

- ☐ Server Error
- ☐ Informational
- ☐ Success
- ☒ Client Error



Fill in the blanks: SOAP stands for _____ *

1/1

- ☐ Sample Object Access Protocol
- ☐ Sampling Object Access Protocol
- ☒ Simple Object Access Protocol
- ☐ Select Object Access Protocol

What are the markup languages available in REST Services? *

1/1

- ☐ HTML & VBSCRIPT
- ☒ JSON & XML
- ☐ HTML & XML
- ☐ XML & Java

Which category does the HTTP code '2XX' belong to? *

1/1

- ☐ Redirection
- ☒ Success
- ☐ Client Error
- ☐ Server Error



Which category does the HTTP code '5XX' belong to? *

1/1

- ☐ Client Error
- ☒ Server Error
- ☐ Redirection
- ☐ Informational

Which category does the HTTP code '3XX' belong to? *

1/1

- ☐ Success
- ☐ Server Error
- ☐ Client Error
- ☒ Redirection

What is an example of a negative scenario while we are testing an API? *

1/1

- ☐ Providing correct parameters to expect a correct response
- ☒ Providing incorrect parameters to expect an incorrect response
- ☐ Both A and B
- ☐ None of the above



What is schema validation? *

1/1

- ☐ Validating the response code
- ☒ Validating the datatypes of the values returned in the response body
- ☐ Validating the authentication
- ☐ Validating the request parameters

Which of the following can be a header while making request in a REST API? * 1/1

- ☐ ?query=value
- ☒ Content-Type : application / json
- ☐ base-url/endpoint
- ☐ 200 OK

Mobile App Testing

54 of 55 points

This section consists of 55 questions from Mobile App Testing module

How can you share your project so that anyone can report issues to it? *

1/1

- ☐ Via private link
- ☒ Via public link
- ☐ Via shared link
- ☐ None of the options



Which of the following is the proper method for reporting bugs to Bugasura Tracker? *1/1

- ☐ Creating issues manually
- ☐ Via Bugasura Reporters
- ☐ Via Email
- ☒ All of the options

From where can you add a custom field to your project? * 1/1

- ☐ Project Settings
- ☐ Add Issue Popup
- ☒ Both Project settings and Add Issue Popup
- ☐ None of the options

Where to find all of the project's issue updates? * 1/1

- ☐ Overview Page
- ☐ Issue List Page
- ☒ Activity Page
- ☐ Sprints List Page



Which of the following features available on the 'Issues List' page allow you to *1/1 view the issues assigned to your teammates?

- ☐ Search
- ☐ Sort
- ☒ Filters
- ☐ All of the option

From where can you add a custom workflow to your project? *

1/1

- ☐ Project Settings
- ☐ Add Issue Popup
- ☒ Workflows Page
- ☐ None of the options

How to monitor a website's performance and speed in Bugasura? *

1/1

- ☒ By Enabling Performance Monitor
- ☐ By Enabling Issue Tracker
- ☐ Both by Enabling Performance Monitor and By Enabling Issue Tracker
- ☐ None of the options



Where to find list of all Team Members? *

1/1

- ☒ Teams Page
- ☐ Workflows Page
- ☐ Team Integrations Page
- ☐ My Integrations Page

Which of the following integrations are available on Bugasura? *

1/1

- ☐ JIRA
- ☐ GitHub
- ☒ Both JIRA and GitHub
- ☐ None of the options

Where to find the newly released updates in Bugasura? *

1/1

- ☐ Project Dashboard
- ☒ What's New Page
- ☐ My Dashboard
- ☐ Issue List Page



Which of the following type of testing are available on the Bugasura Reporter? * 1/1

- ☐ Test case Driven
- ☐ Exploratory
- ☒ Both Test case driven and Exploratory
- ☐ None of the options

Which of the following type of testing is used to execute the Test cases in the Bugasura Reporter? *1/1

- ☐ Exploratory
- ☒ Test case Driven
- ☐ Both exploratory and Test case driven
- ☐ None of the options

Which of the following actions on the Bugasura extension will capture a screenshot on a website? *1/1

- ☐ On Scroll
- ☐ On Click
- ☒ Both On Scroll and On Click
- ☐ None of the options



Is it possible to do collaborative testing using the Bugasura Reporter? *

1/1

- ☒ Yes
- ☐ No

From which of the following test flows, a user can annotate on the screens? * 1/1

- ☐ Pass Flow
- ☐ Fail Flow
- ☒ Both Pass Flow and Fail flow
- ☐ None of the options

From which of the following integration/s, a user can get the notification from Bugasura? *1/1

- ☐ Email
- ☐ Slack
- ☒ Both Email and Slack
- ☐ None of the options



How can the issues in the issue list be sorted in ascending order? *

1/1

- ☒ Sort via Issue ID
- ☐ Sort via Created date
- ☐ Sort via Severity
- ☐ Sort via Status

In 'Private Projects', which type of issues can be created? *

1/1

- ☒ Only Private Issues
- ☐ Only Public Issues
- ☐ Private and Public
- ☐ None of the options

In 'Public Projects', which type of issues can be created? *

1/1

- ☐ Only Private Issues
- ☐ Only public issues
- ☒ Private and Public
- ☐ None of the options



In 'Public Projects', who can view the private issues? *

1/1

- ☐ Guest Users
- ☒ Team Members
- ☐ Admin of the Team
- ☐ Owner of the Team

In a team who has the permission to add new members to the team? *

1/1

- ☒ Owner & Admin
- ☐ Admin & Member
- ☐ Member & Owner
- ☐ None of the options

Is the feature 'Auto Assignees' to users available in Bugasura? *

1/1

- ☒ Yes
- ☐ No



Who has permission to set the auto assignee in the workflow status? *

1/1

- ☐ Owner
- ☐ Admin
- ☒ Owner & Admin
- ☐ Member

Do we have an option to enable 'Unsubscribe Mail Notifications' in Bugasura? * 1/1

- ☒ Yes
- ☐ No

Where can we change the Bugasura account password? *

1/1

- ☒ Profile page
- ☐ Dashboard
- ☐ My Integrations
- ☐ Team Integrations



Who has the access to integrate Github for a team? *

1/1

- ☐ Owner
- ☐ Admin
- ☒ Owner & Admin
- ☐ Member

What are the Github actions that can be configured in Bugasura? *

1/1

- ☐ New Branch
- ☐ New Pull Request
- ☐ Merge Request
- ☒ All of the options

Who has the access to delete the reported issues on the 'Issue List' page? *

1/1

- ☐ Reporter
- ☐ Member of the Team
- ☐ Admin & Owner of the Team
- ☒ All of the options



How can we reuse the reported issues in Bugasura? *

1/1

- ☐ Duplicating Issue
- ☐ Transferring Issue
- ☐ Copy & Paste
- ☒ Both Duplicating Issue & Transferring Issue

Who has the access to switch team members permission? (i.e. make members to admin and admins to members of a team)

*1/1

- ☐ Owner
- ☐ Admin
- ☒ Both Owner and Admin
- ☐ None of the options



As a part of the discovery phase for testing a mobile application, a tester is suggested to: *0/1

1. Enquire with the clients
2. Identify the top-rated app listed in the play/app store in the related category.
3. Figure out an app that is in similar business and has similar services to offer.
4. Get confirmed with the client on your pick.

Which sub-aspect of mobile app coverage are we talking about here?

- ☐ Application Analysis
- ☐ Identify the competitors
- ☒ Competitor Analysis
- ☐ Play Store Analysis

Jumping into testing just after looking at the problem statement is recommended. *1/1

- ☐ Yes
- ☒ No



Testing for App Fragmentation includes: *

1/1

- ☐ Screen Size & Resolution
- ☒ Screen Size, Resolution, OS Versions and Manufactures
- ☐ OS Versions, Manufacturers, and Resolution
- ☐ Resolution and OS Versions

What kind of Analysis one is expected to perform if an Application is in the design phase? *1/1

- ☐ Color Analysis
- ☐ Wireframe Analysis
- ☐ Content Optimization
- ☒ All of the above



Suppose a new user for one of the ECommerce applications fills up a registration form on the web app and tries to edit the same information via the mobile app, the user expects the same changes to be reflected on both the web and mobile apps. Ideally, such scenarios need to get tested during the Application Engineering phase. What type of testing are we talking about? *1/1

- ☐ Multi-Platform Testing
- ☐ Platform-based Testing
- ☒ Split Platform Testing
- ☐ None of the above

A user is busy browsing through the product categories on their favorite ECommerce application. The user receives an important phone call which he/she receives. Once the user has completed the phone call, what should be the state of his/her favorite ECommerce application? *1/1

- ☐ ECommerce Application is Killed and the phone call is in the foreground
- ☒ The Phone call is in the foreground of the ECommerce Application
- ☐ Both 1 and 2
- ☐ None of the above



One of the Android applications under test has many input fields spread across multiple screens. As a tester, you are required to include this as a part of your test coverage. What type of test coverage suits you well in this case? *1/1

- ☐ UI Testing
- ☐ Client-side testing
- ☐ Boundary Value Analysis
- ☒ Contextual Keypad

Suppose you are part of a testing team that is involved in testing a brand new mobile application that is due for launch to the play store in the upcoming few days, what type of testing will you prioritize? *1/1

- ☐ Notification based testing
- ☒ Adherence to Android design guidelines
- ☐ Wireframe Analysis
- ☐ Form Analysis



How is the entire feature set of Android OS available to the developers on Android platforms? *1/1

- ☐ Through Android Runtime
- ☐ Through HAL or Hardware Abstraction Layer
- ☒ Through Java API Framework
- ☐ None of the options

Fill in the blanks. On the Android platform, the _____ layer is responsible for threading and low-level memory management. *1/1

- ☐ System Applications
- ☐ Native C/C++ libraries
- ☐ Both System Applications and Native C/C++ Libraries
- ☒ Linux Kernel



The _____ layer on an Android platform contains the business logic of an application? *1/1

- ☐ UI Layer
- ☒ Data Layer
- ☐ Both the options
- ☐ None of the options

A user is trying to launch a graphic and image-rich IOS app for the first time on his/her iPhone 11. The user is on the move and connected to a mobile network. The user sees certain graphics, placeholder text, and animations where the content of the app he/she's trying to launch is still unavailable. This is a good practice of: *1/1

- ☐ Onboarding
- ☐ Modality
- ☒ Loading
- ☐ Accessing User's data



As a tester, you are required to test a version of an Android application as a part of your testing cycle. Your test lead asks you to review the content of the Android Manifest file. Which feature of Android Studio would you use for this purpose? *1/1

- ☒ APK Analyzer
- ☐ Real-time profiler
- ☐ Visual Layout Editor
- ☐ AVD's

What is the primary function of the APK Packager on Android Studio? * 1/1

- ☐ IPA signing
- ☐ Compiling dependencies and application module
- ☒ APK signing
- ☐ None of the options



Suppose you are testing an Android application that is still under development. *1/1
The application development is happening across multiple sprints. In the middle of one of the sprints, you receive a debug version of the application for testing out a newly added feature. You install the application on one of your low-end test devices, with a basic Android configuration. You start seeing a lot of out-of-memory exceptions launching the home screen on the application. How will you investigate this further with Android Studio?

- ☐ Identify Undesirable memory allocation patterns in the timeline that are probably causing performance problems
- ☐ Dump the Java heap to see objects that are using up memory at any given time
- ☐ Record memory allocations during normal and extreme user interaction to identify exactly where the code is either allocating too many objects in a short time or allocating objects that become leaked.
- ☒ All of the options

By using the ____ settings window can one enable the client to intercept through Charles? *1/1

- ☒ Access Control Settings
- ☐ Rewrite
- ☐ Blacklist
- ☐ Recording Settings



Name all the segments of each bar on a chart view for the Charles Proxy tool. * 1/1

- ☐ Request and proxy
- ☒ Request, Latency, Response
- ☐ Breakpoints and Rewrite
- ☐ None of the options

By using the ____ feature can one edit/update the complete response/request *1/1 body in Charles Proxy?

- ☐ Blacklisting
- ☐ Rewrite
- ☒ Breakpoints
- ☐ Proxy settings

By using the ____ setting window can one configure automatically to connect *1/1 Charles to the desktop i.e laptop/computer on opening Charles?

- ☐ Breakpoints
- ☐ Save sessions prompt
- ☐ Access control settings
- ☒ Proxy settings



On using which of the views can one see the triggered host's calls in the same order as it's triggered? *1/1

- ☐ Structure view
- ☒ Sequence view
- ☐ Both the Options
- ☐ None of the Options

Which of these are popular cross-platform development frameworks for Android applications? *1/1

- ☐ Flutter
- ☐ React Native
- ☐ Xamarin
- ☒ All of the Options



Suppose you are one of the testers on the test team for an Android application *1/1 that is inching towards the Play Store Application Approval Stage. Which of these activities would you prioritize?

- ☒ Android Core Application Quality Tests
- ☐ Usability Testing
- ☐ Load Testing
- ☐ API Testing

As a tester, you are required to install a version of an application's APK on a connected device. How will you have this task accomplished in a very short span of time using a CLI? *1/1

- ☐ Using CMD install path_to_apk
- ☒ Using ADB install path_to_apk
- ☐ Using Logical install path_to_apk
- ☐ Both CMD install path and Logical Install path



Assume that you are a tester on one of the projects, and an Android application is being developed as a part of the project. One of the developers asks you to reproduce a particular crash you had earlier reported and requires you to capture the logs in a file and share it. How would you accomplish this? *1/1

- ☐ adb logcat -b buffer
- ☐ adb logcat
- ☐ adb logcat -d
- ☒ adb logcat -f <filename>

As a tester, how can you accomplish Android screen recording and viewing the same via CLI software? *1/1

- ☒ adb shell screenrecord "/downloads/filename.mp4"(Hit Ctrl+C)adb pull "/downloads/filename.mp4" .open ./filename.mp4
- ☐ adb shelladb screenrecord "/downloads/filename.mp4"open ./filename.mp4
- ☐ adb screenrecord "/downloads/filename.mp4"open ./filename.mp4
- ☐ None of the Options

Automation Testing

35 of 35 points

This section consists of 35 questions from Automation Testing Module



What does **REST** in “REST API” stand for? *

1/1

- ☐ Representational state tool
- ☐ Reference state tool
- ☒ Representation state transfer
- ☐ Reference state transfer

Which component is used to specify the protocol used for transmitting the request? *1/1

- ☐ URI Host
- ☐ GET
- ☒ URI Scheme
- ☐ Resource path

What OAuth term is used to represent permissions? *

1/1

- ☐ Token
- ☒ Scope
- ☐ Claim
- ☐ Back channel



What is the recommended method for a URL pattern for retrieve the specific user? *1/1

- ☐ GET /user/{id}
- ☒ GET /users/{id}
- ☐ GET /user?id={id}
- ☐ GET /users?id={id}

When a user attempts to access data that is not permissible, which HTTP response code is most appropriate? *1/1

- ☐ 403
- ☐ 405
- ☒ 401
- ☐ 404

What is the most secure method to transmit an API key? * 1/1

- ☐ URL parameter
- ☒ Authorization Header
- ☐ Base64 encoding
- ☐ Basic Auth



Which of the following HTTP methods is used to fetch the data? *

1/1

- ☒ GET
- ☐ POST
- ☐ PUT
- ☐ DELETE

The type of operation requested is determined by *

1/1

- ☒ HTTP Method
- ☐ HTTP status code
- ☐ Resource path
- ☐ Query string

Which of the following components of HTTP response contains either response message content or resource representation?

*1/1

- ☐ Status/Response code
- ☐ Response header
- ☐ HTTP version
- ☒ Response Body



Within OAuth, what component validates the user's identity? *

1/1

- ☐ Client
- ☐ Not specified
- ☒ Authorization server
- ☐ Resource server

API testing must be treated as *

1/1

- ☐ Red team testing
- ☐ White box testing
- ☐ Blue box testing
- ☒ Black box testing

Which of the following is not a component of rest API request/response? *

1/1

- ☐ Request URI
- ☐ Request message header
- ☐ Request message body
- ☒ None of the options



What is the purpose of an OAuth refresh token? *

1/1

- ☐ To share user profile information
- ☐ To update an API configuration
- ☐ To keep a web session active
- ☒ To retrieve an access token

Which HTTP method is normally used to create a resource in an API? *

1/1

- ☐ PUT
- ☐ PATCH
- ☒ POST
- ☐ CREATE

What does JSON Stand for? *

1/1

- ☐ JavaScript Object Notification
- ☐ JavaScript Object Naming
- ☒ JavaScript Object Notation
- ☐ JavaScript Object Number



What are the mark up languages available in REST Services? *

1/1

- ☐ XML & Java
- ☐ HTML & XML
- ☒ JSON & XML
- ☐ HTML & VBSCRIPT

What is the Category of the 1XX that HTTP Codes belong to? *

1/1

- ☐ Redirection
- ☒ Informational
- ☐ Success
- ☐ Client Error

What does WSDL stand for? *

1/1

- ☐ Webservice Document Language
- ☒ Webservice Description Language
- ☐ Webservice Definition Language
- ☐ Webservice Dictionary Language



What is the Category of 4XX that HTTP Codes belong to? *

1/1

- ☐ Informational
- ☐ Server Error
- ☒ Client Error
- ☐ Success

What is the category of 5XX that HTTP Codes belong to? *

1/1

- ☐ Redirection
- ☐ Client Error
- ☒ Server Error
- ☐ Informational

Which library is mandatory in Robot Framework for API testing? *

1/1

- ☒ RequestsLibrary
- ☐ RequestLibrary
- ☐ SeleniumLibrary
- ☐ OperatingSystem



"GET On Session" keyword will _____ *

1/1

- ☐ Create a new HTTP Session and send a GET request
- ☒ Send a GET request on a previously created HTTP Session
- ☐ Both the options
- ☐ None of the options

"Status Should Be" keyword will _____ *

1/1

- ☒ Fail if response status code is different than the expected
- ☐ Warn if response status code is different than the expected
- ☐ Return False if response status code is different than the expected
- ☐ None of the options

"Request Should Be Successful" keyword will _____ *

1/1

- ☐ Fail if response status code is a client or server error (1xx, 2xx)
- ☒ Fail if response status code is a client or server error (4xx, 5xx)
- ☐ Return False if response status code is a client or server error (4xx, 5xx)
- ☐ None of the options



What does the HTTP status code **201** indicate? *

1/1

- ☐ OK
- ☒ Created
- ☐ Accepted
- ☐ No Content

Robot framework is implemented using: *

1/1

- ☐ Javascript
- ☐ Perl
- ☒ Python
- ☐ Ruby

Robot framework is an independent f/w that predominantly uses: *

1/1

- ☐ Data driven
- ☒ Keyword driven
- ☐ Context driven
- ☐ Exploratory



What is the command to install robot framework? *

1/1

- ☐ brew install <>
- ☒ pip install <>
- ☐ execute batch to install
- ☐ .exe installable

What is the command to execute tests? *

1/1

- ☐ run robot test.feature
- ☐ robot execute test.py
- ☒ robot test.robot
- ☐ robot run.file

Behavior of [Test Setup] keyword: *

1/1

- ☒ Keyword will be called at the beginning of each test
- ☐ Keyword will be called at once for all test
- ☐ Keyword will never be called when using tags while execution
- ☐ No such Keyword in robot framework



Selenium Library is an internal library in Robot framework *

1/1

- ☐ True
- ☒ False

Collections are implementable in Robot framework *

1/1

- ☒ True
- ☐ False

Is indentation must follow in robot framework? *

1/1

- ☒ Must follow
- ☐ Partial follow
- ☐ When required
- ☐ Not required

Where one can move all the dynamic test data? *

1/1

- ☐ Settings
- ☐ Test Cases
- ☒ Variables
- ☐ Keywords



Does robot framework has inbuilt test report mechanism? *

1/1

☒ Yes

☐ No

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