1)what is api?

ans)Api is Application Programming Interface.which is a software intermediary that allows two applications to talk to each other.

2)what is the REST ?

ans)REST full form is Representational State Transfer.it is providing standards between computer systems on the web.

=>**REST** is an architecture all about client-server communication.

3)what is RESTFUL API?

Ans) A **REST API** defines a set of functions which developers can perform requests and receive responses via HTTP protocol such as GET and POST ...ets.

=>**RESTful** web services are web services which are **REST** based.

4)Why we are use anypoint platform?

ANS)

1. Using a single platform, design, run and analyse all of your services and APIs.
2. Easily connect to any data source.

5)what is the API Manager?

Ans)/(MuleSoft provides a widely used integration platform for connecting applications, data, and devices in the cloud.)/

=>API management is the process of creating and publishing web application programming interfaces.

=>collecting and analyzing usage statistics, and reporting on performance.

6)what is RAML?

1. RAML is restful api modeling language .
2. RAML makes it easy to manage the API lifecycle from design to deployment to sharing.
3. RAML both computer and human readable and writable.
4. RAML is used to design REST APIs

7)what is the Root in RAML?

ANS) The root section is the basic information about an API, such as its title, version, baseUri, etc.

Example:

#%RAML 1.0

title: BOOK Services API

8)what is the Resource in raml?

Ans)

1. A resource is identified by its relative URI.
2. It is must be start with(/)slash.

Example:/software company

/development

/marketing

/scales

9)what is nested resource in raml?

ans) when you want to call out a particular subset of your resource .

Example:

/authors:

/{author name}:

10)what are methods there in raml?

Ans)In raml mainly four methods there

1. GET,POST,PUT,DELETE

11)What is the purpose of GET method?

Ans) Using get method Retrieve data from database or request URL.

12)what is the purpose of POST method?

ans) Using POST method add some information to database.

13)what is the purpose of PUT method?

ans)Using put method update Particular resource.

14)what is the purpose of DELETE?

ANS)Using of delete method remove Particular data.

15)What is HTTP status code for GET?

ANS)Get response code is 200

16)what is HTTP status code for POST?

ANS)Post response code is 201

17)what is HTTP status code for PUT ?

ANS)Put response code is 200

18)what is HTTP status code for Delete?

Ans)Delete response code is 200

19)what is status code for Bad request ?

Ans)400

20)what is Resource not found status code?

Ans)404

21)What is status code for server not found?

ans)500

22)what is status for content not found?

ans)204

23)what is URI PARAMETERS in raml?

ans)The resources that we defined are collections of smaller, relevant objects.

example:

/books: it is called object

/{bookTitle}:->it is called uri parameter

24)what is Query parameter?

ans)

example:/books:

get:

queryParameters:

author:

publicationYear:

rating:

isbn:

put:

post:

25)what is the use of description in raml?

ans)It is basic information about what is with in method.

26)what is Responses in raml?

ans)

1. Responses MUST be a map of one or more HTTP status codes.
2. Each response may include descriptions, examples, or schemas.

example:

/books:

/{bookTitle}:

get:

description: Retrieve a specific book title

responses:

200:

body:

application/json:

example: |

{

"data": {

"id": "SbBGk",

"title": "Stiff: The Curious Lives of Human Cadavers",

"description": null,

"datetime": 1341533193,

"genre": "science",

"author": "Mary Roach", },

"success": true,

"status": 200

}

27)what is YAML format?

ans)

1. YAML is nothing but Yaml anti markup language .
2. data serialization language which is designed to be human -friendly and works well with other programming languages for everyday tasks.

28)how to create an Anypoint MuleSoft Account?

Ans

Step1: Go to Searching on google anypoint platform

Step2: Go to the signup page.

Step3:Enter the following:

1. Enter Username
2. Enter Password
3. Enter Company

Step4:Click the I’m not a Robot Captcha’s check mark and wait for validation.

Step5:Click Accept and create an account.

29)how to add new api?

ans)

step:1 Go anypoint platform and login it

step :2 Go to Design center

step3:click on create button

step4:click on API Specification

step5: Given APIname

step6: After that click on submit button.

30)how to Define API?

ans)

step1:Go to anypoint platform and login it

step2: After add api name or project name click on particular api name or project name

step3:After that write based on client requirements.

31)how to Mocking service?

Ans)

step1:Once we will enable the mocking service, then baseURI will be added to the RAML.

step2:we can test the REST API by clicking on any of the HTTP methods .

32)why using body method in raml?

ans)To write any data with in body.