1. What are the services in AngularJS?
   A) Services are singleton objects which are instantiated only once in app and are used to do the defined task.
   B) Services are objects which AngularJS uses internally.
   C) Services are not used in AngularJS.
   D) Services are server side components of AngularJS.

2. What happens when page containing AngularJS based Application loads.
   A) HTML document is loaded into the browser, and evaluated by the browser.
   B) AngularJS JavaScript file is loaded; the angular global object is created.
   C) JavaScript which registers controller functions is executed.
   D) All of these

3. Which of the following is true about AngularJS?
   A) AngularJS is a framework to build large scale and high performance web appliation while keeping them as easy-to-maintain.
   B) AngularJS provides developers options to write client side application (using JavaScript) in a clean MVC (Model View Controller) way.
   C) AngularJS is a powerful JavaScript based development framework to create RICH Internet Application(RIA).
   D) All of these

4. What is View in MVC?
   A) View represents a database view.
   B) View is responsible for displaying all or a portion of the data to the user.
   C) View is responsible to act and process the data.
   D) None of these

5. On which of the following types of component can we create a custom directive?
   A) Element directives
   B) Attribute
   C) CSS
   D) All of these

Explanation: AngularJS provides support to create custom directives for following type of elements. **Element directives** - Directive activates when a matching element is encountered. **Attribute** - Directive activates when a matching attribute is encountered. **CSS** - Directive activates when a matching css style is encountered. NB - Directive activates when a matching comment is encountered.

6. Which of the following is true about AngularJS service?
   A) Services are JavaScript functions.
   B) Services are responsible to do specific tasks only
   C) Inbuilt services are always prefixed with $ symbol.
   D) All of these

Explanation: Services are JavaScript functions and are responsible to do specific tasks only. Each service is responsible for a specific task for example, $http is used to make ajax call to get the server data. $route is used to define the routing information and so on. Inbuilt services are always prefixed with $ symbol.

7. How angular.module works?
   A) angular.module is used to create AngularJS modules along with its dependent modules.
   B) angular.module is primarily used to create application module.
   C) Both of these
   D) None of these

8. Which of the following is not a core AngularJSdirective.
   A) ng-app

B) ng-model
C) ng-bind
D) ng-state

9. Which of the following is true about AngularJS expressions?
    A) Expressions are used to bind application data to html.
    B) Expressions are written inside double braces like {{ expression}}.
    C) Expressions behave in same way as ng-bind directives.
    D) All of these

10. Which of the following is true about ng-controller directive?
    A) ng-controller directive tells AngularJS what controller to use with this view.
    B) AngularJS application mainly relies on controllers to control the flow of data in the application.
    C) A controller is a JavaScript object containing attributes/properties and functions.
    D) All of these

11. Which of the following is true about $routeProvider?
    A) $routeProvider is the key service which set the configuration of urls.
    B) $routeProvider maps Urls with the corresponding html page or ng-template.
    C) $routeProvider attaches a controller with the view.
    D) All of these

12. Which components can be injected as a dependency in AngularJS?
    A) value
    B) factory
    C) service
    D) all of these

13. What is Model in MVC?
    A) Model represents server side data.
    B) Model represents data stored in database.
    C) Model is the lowest level of the pattern responsible for maintaining data.
    D) None of these.

14. In AngularJS, Scope contains the model data.
    A) True
    B) False

15. AngularJS Expressions are used to bind application data to html
    A) True
    B) False

16. AngularJS applications can run on all major browsers and smart phones including Android and iOS based phones/tablets.
    A) True
    B) False

17. In controllers, model data is not accessed via $scope object.
    A) True
    B) False

Explanation: In controllers, model data is accessed via $scope object.

18. ng-init directive can be used to put values to the variables to be used in the application.
    A) True
    B) False

19. AngularJS uses dependency injection and make use of separation of concerns.
    A) True

B) False

20. Scope act as glue between controller and view.
    A) True
    B) False

Explanation: Scopes are objects that refer to the model. They act as glue between controller and view.

21. config phase is the phase during which AngularJS bootstraps itself.
    A) True
    B) False

22. Which of the following is true about $invalid flag?
    A) $invalid flag states that value has been changed.
    B) $invalid flag states that form has invalid data.
    C) Both of these above.
    D) None of these.

23. Which of the following is true about $dirty flag?
    A) $dirty flag states that value has been changed.
    B) $dirty flag states that form has invalid data.
    C) Both of the these.
    D) None of the above.

Explanation: $dirty flag states that value in the form has been changed.

24. What is controller in MVC?
    A) It is a software Code that stores the data.
    B) It is a software Code that renders the user interface.
    C) It is a software Code that controls the interactions between the Model and View.
    D) None of these.

25. Which of the following is true about ng-app directive?
    A) ng-app directive defines and links an AngularJS application to HTML.
    B) ng-app directive indicates the start of the application.
    C) Both of these above.
    D) None of these.

Explanation: ng-app directive defines and links an AngularJS application to HTML. It also indicate the start of the application.

26. The argument to the controller function is called _____
    A) $scope
    B) scope
    C) $app
    D) $scopes

27. Which directive clones HTML elements once for each item in a collection (in an array)?
    A) ng-loop
    B) ng-repeat
    C) ng-array
    D) none of these

28. Which directive can bind HTML elements to HTML forms?
    A) ng-init
    B) ng-data
    C) ng-model
    D) ng-app

29. Which directive can provide CSS classes for HTML elements?
    A) ng-init
    B) ng-app
    C) ng-class
    D) ng-model

30. Which directive can also provide status for application data (invalid, dirty, touched, error)?
    A) ng-model
    B) ng-app
    C) ng-bind
    D) ng-init

31. Which directive can also provide type validation for application data (number, email, required)?
    A) ng-app
    B) ng-bind
    C) ng-model
    D) ng-validate

32. Which directive will auto-bootstrap (automatically initialize) the application when a web page is loaded?
    A) ng-app
    B) ng-init
    C) ng-css
    D) ng-module

33. Which is the correct syntax of creating AngularJS Controller?
    A) var app = angular.module('myApp', []);
    angular.controller('myCtrl', function(app,$scope) {

    });
    B) var app = angular.module('myApp', []);
    app.controller('myCtrl', function($scope) {

    });
    C) var app = module('myApp', []);
    app.controller('myCtrl', function($scope) {

    });
    D) var app = angular.module('myApp', []);
    app.controller(function($scope) {

    });

34. Which is the correct syntax of creating AngularJS application module?
    A) var app = angularJS.module('myApp',[]);
    B) var app = angular.module('myApp', []);
    C) var app = angular.module('myApp');
    D) var app = angular.module([],'myApp',);

35. AngularJS expressions bind AngularJS data to HTML the same way as the _____ directive.
    A) ng-model
    B) {{expression}}
    C) ng-bind
    D) ng-model
    E) None of these

36. Which directive initializeAngularJS application variables?
    A) ng-init

B) ng-app
C) ng-inital
D) ng-model
E) None of these

37. Which directive binds the innerHTML of the element to the application variable?
   A) ng-contorller
   B) ng-model
   C) ng-view
   D) ng-bind
   E) ng-app

38. Which directive binds the value of the input field to the application variable name?
   A) ng-app
   B) ng-controller
   C) ng-bind
   D) ng-model
   E) ng-data

39. Which directive binds application data to the HTML view?
   A) ng-model
   B) ng-bind
   C) ng-controller
   D) ng-app
   E) All of these

40. Which directive binds the value of HTML controls (input, select, textarea) to application data?
   A) ng-bind
   B) ng-model
   C) ng-expression
   D) ng-data
   E) ng-controller

41. Which directive defines an AngularJS application?
   A) ng-controller
   B) ng-model
   C) ng-app
   D) ng-bind

42. Which of the following is not the valid AngularJS directive?
   A) ng-app
   B) ng-bind
   C) ng-model
   D) data-app-ng
   E) data-ng-app
   F) ng-controller
   G) ng-repeat
   H) ng-if

43. AngularJS binds data to HTML with _____.
   A) Directive
   B) Expressions
   C) Module
   D) Filter

44. AngularJS extends HTML attributes with _____
   A) Filter
   B) Expression
   C) Directive
   D) Module

45. AngularJS is perfect for _____
   A) AJAX
   B) Multi Page Applications
   C) Single Page Applications (SPAs)
   D) Windows Application

46. Which of the following is component of AngularJS
   A) directives
   B) expressions
   C) filters
   D) modules
   E) controllers
   F) All of these
   G) None of these

47. Who is the creator of AngularJS?
   A) Guido van Rossum
   B) RasmusLerdorf
   C) Brendan Eich
   D) MiškoHevery

48. AngularJS applications are built around a design pattern called _____
   A) AJAX
   B) MVC
   C) Object Oriented
   D) Procedural

49. AngularJS is the library of
   A) JavaScript
   B) PHP
   C) Python
   D) None of these