

Ng Descriptive Questions

1. What is AngularJS?
2. what is MVC?
3. Explain what are the key features of AngularJS ?
4. Explain what is scope in AngularJS ?
5. what is services in AngularJS ?
6. what is Angular Expression?
7. what are directives ?
8. Why and when to use directive in angularjs.
9. Name the data binding directives in angularjs.
10. Name the template directives in angularjs.
11. discuss ng-include directive.
12. discuss novalidate attribute.
13. Name the validation variables for the form directive.
14. what is data binding in AngularJS ?
15. Mention what are the different types of Directive?
16. what are the styling form that ngModel adds to CSS classes ?
17. what is DI (Dependency Injection)?
18. what is filter in angularjs.
19. What is module and how to create a module.
20. Define controller and how to create a controller?
21. where you can apply directives?
22. define factory and worker function in angularjs.
23. how to create and apply a filter?
24. difference between Module.config and Module.run method.

1. AngularJS applications are built around a design pattern called:
 - a) Cms
 - b) **Model-View-Controller**
 - c) Library
 - d) Tools
2. Angularjs applications are:
 - a) Extendable
 - b) Maintainable
 - c) Testable
 - d) Standardized
 - e) **All of the above**
3. Angularjs is a _____ framework
 - a) Server side
 - b) **Client side**
 - c) Java based
 - d) Php based
4. AngularJS apps are formed from one or more:
 - a) **Modules**
 - b) Directives
 - c) Controllers
 - d) Views
5. The arguments to the angular.module method are the name of the module to create and _____ of other modules that are going to be needed.
 - a) **Array**
 - b) List
 - c) Names
 - d) Objects
6. The _____ attribute specifies that the html element in the listing contains a module that should be compiled and processed by AngularJS.
 - a) ng-view
 - b) ng-controller
 - c) **ng-app**
 - d) ng-model
7. In AngularJS, the model contains:
 - a) **The data in the application**
 - b) The logic that operate on the data
 - c) Logic that displays the data
 - d) Controller
8. In AngularJS, the view contains:
 - a) The data in the application
 - b) The logic that operate on the data
 - c) **Logic that displays the data**
 - d) Controller

9. In AngularJS, the controller contains:
- a) The data in the application
 - b) The logic that operate on the data
 - c) Logic that displays the data
 - d) Controller
10. The _____ sits between the _____ and the view and connects them.
- a) Model, controller
 - b) Controller, model
 - c) Module, service
 - d) Filter, controller
11. The _____ defines the business logic required to support a view.
- a) Model
 - b) Controller
 - c) Directive
 - d) Html
12. The arguments to the controller method are the name for the new controller and a function that will be invoked to define the controller functionality.
- a) True
 - b) False
13. In an AngularJS app, variable names that start with _____ represent built-in features that AngularJS provides.
- a) \$
 - b) @
 - c) &
 - d) #
14. AngularJS uses _____ to denote a data binding expression.
- a) double-brace characters: {{ and }}
 - b) single-brace characters: { and }
 - c) angle bracket: < and >
 - d) none of the above
15. Data binding or model binding is, where a value from the _____ is bound to the contents of an HTML element.
- a) model
 - b) view
 - c) controller
 - d) module
16. The value of the ng-repeat attribute is in the format <collection> in < name>.
- a) True
 - b) False
17. _____ are at the core of how AngularJS works.
- a) Filter
 - b) Module
 - c) Directives
 - d) Model
18. AngularJS supports two way data binding.
- a) True
 - b) False

19. _____ is used for two way data binding
- a) Ng-bind
 - b) **Ng-model**
 - c) Ng-controller
 - d) Ng-view
20. Behaviors are _____ that operate on the data in the model to implement the business logic in the application.
- a) Properties
 - b) **Functions**
 - c) Objects
 - d) Views
21. _____ defines behaviors on the scope.
- a) Model
 - b) View
 - c) **Controller**
 - d) Module
22. Behaviors are defined by adding functions to the _____ object that is passed to the controller function.
- a) **\$scope**
 - b) \$filter
 - c) \$service
 - d) \$view
23. _____ provides a nice way of preparing data in the model for display in views without having to create behaviors.
- a) **Filter**
 - b) Service
 - c) View
 - d) Scope
24. Filtering can be applied to any part of the data model.
- a) **True**
 - b) False
25. Models can be two types(choose two)
- a) **View models**
 - b) **Domain models**
 - c) Logic models
 - d) Controller models
26. A controller built using the MVC should not:
- a) Contain the logic required to initialize the scope
 - b) Contain the logic/behaviors required by the view to present data from the scope
 - c) **Contain logic that manipulates the DOM**
 - d) Contain the logic/behaviors required to update the scope based on user interaction
27. AJAX refers to Asynchronous JavaScript and XML.
- a) **True**
 - b) False
28. CRUD refers to : create,read, update,delete
- a) **True**
 - b) False

29. In http methods, The GET method is _____, which means that the operations you perform in response to this method should only retrieve data and not modify it.
- a) **Nullipotent**
 - b) Idempotent
 - c) Neither Nullipotent Nor Idempotent
 - d) Both a and b
30. The PUT and DELETE methods are _____, which means that multiple identical requests should have the same effect as a single request.
- a) Nullipotent
 - b) **Idempotent**
 - c) Neither Nullipotent Nor Idempotent
 - d) Both a and b
31. The _____ method is neither nullipotent nor idempotent in restfull service.
- a) Get
 - b) **Post**
 - c) Put
 - d) Delete
32. (JSON) refers to:
- a) JavaScript Object null
 - b) **JavaScript Object Notation**
 - c) Java Server Object Notation
 - d) none of the above
33. you can add partial view to angularjs application using:
- a) ng-partial
 - b) ng-add
 - c) **ng-include**
 - d) ng-require
34. _____ just means that only one object will be created and shared by all of the components that depend on the service.
- a) Multiple
 - b) **Singleton**
 - c) Cached
 - d) Model
35. url routing allows for different partial views to be displayed automatically based on the current URL.
- a) **true**
 - b) false
36. Which of the following is true about ng-init directive?
- a) ng-init directive initializes an AngularJS Application data.
 - b) ng-init directive is used to put values to the variables to be used in the application.
 - c) **Both of the above.**
 - d) None of the above.
37. Which of the following is true about currency filter?
- a) **Currency filter formats text in a currency format.**
 - b) Currency filter is a function which takes text as input.
 - c) Both of the above.
 - d) None of the above.

38. Which of the following is true about ng-include directive?
- a) Embed HTML pages within a HTML page using ng-include directive
 - b) Embed JS files within a HTML page using ng-include directive
 - c) Both of the above.
 - d) None of the above.
39. Custom directives are used in AngularJS to extend the functionality of HTML.
- a) true
 - b) false
40. \$http service is used to make an Ajax call to server.
- a) false
 - b) true
41. Which components can be injected as a dependency in AngularJS?
- a) value
 - b) factory
 - c) service
 - d) All of the above.
42. Each controller accepts \$scope as a parameter which refers to the application/module that controller is to control.
- a) true
 - b) false
43. 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 the above.
44. Templates are the rendered view with information from the controller and model.
- a) true
 - b) false
45. 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 the above.
46. Which of the following is true about ng-bind directive?
- a) ng-bind directive binds the AngularJS Application data to HTML tags.
 - b) ng-bind updates the model created by ng-model directive to be displayed in the html tag.
 - c) ng-bind updates html control data when controller changes the model.
 - d) All of the above.
47. Which of the following directive is used to initialize an angular app?
- a) ng-model
 - b) ng-app
 - c) ng-controller
 - d) None of the above