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

Set-2

Q 1 - 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 *usingJavaScript* in a clean
MVC *ModelViewController* way.
C - AngularJS is a powerful JavaScript based development framework to create RICH Internet Application*RIA*.
D - All of the above

Q 2 - Is AngularJS open source?
A – true   B – false

Q 3 - Are application written using AngularJS cross browser compliant?
A – true   B – false

Q 4 - What is data binding in AngularJS?
A - Data binding is the technique to save html data in the database.
B - Data binding is the technique to bind database data to html control.
C - Data binding is the automatic synchronization of data between model and view components.
D - Data binding is the automatic synchronization of data between model and controller components.

Q 5 - Which directive is used for data binding in AngularJS?
A - ng-data   B - ng-app
C - ng-bind   D - ng-controller

Q 6 - 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 the above.

Q 7 - What are scopes in AngularJS?
A - Scopes define the accessibility of a javascript variable.
B - Scopes are objects that refer to the model. They act as glue between controller and view.
C - Scopes are objects that refer to the controller.
D - Scopes are objects that refer to the views.

Q 8 - What are the controllers in AngularJS?
A - Controllers are JavaScript functions that are bound to a particular scope.
B - Controller carry functions to operate on data and decide which view is to be updated to show the updated model based data.
C - They are the prime actors in AngularJS framework.
D - All of the above.

Q 9 - 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.

Q 10 - What are the filters in AngularJS?
A - Filters select a subset of items from an array and return a new array.
B - Filters are used to show filtered items from a list of items based on defined criteria.
C - Both of the above.
D - None of the above.

Q 11 - What is deep linking in AngularJS?
A - Deep linking allows you to encode the state of application in the URL so that it can be bookmarked.
B - Deep linking is a SEO based technique.
C - Deep linking refers to linking various views to a central page.
D - None of the above.

Q 12 - Is AngularJS code unit testable?
A – false   **B – true**

Q 13 - Do AngularJS provide reusable components?
A – false   **B – true**

Q 14 - Which of the following is not a core AngularJS directive.
A - ng-app   B - ng-model
C - ng-bind   **D - ng-state**

Q 15 - 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 the above.   D - None of the above.

Q 16 - Which of the following is true about ng-model directive?
A - ng-model directive binds the values of AngularJS application data to HTML input controls.
B - ng-model directive creates a model variable which can be used with the html page and within the container control having ng-app directive.
C - Both of the above.
D - None of the above.

Q 17 - 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.

Q 18 - 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 the above.

Q 19 - 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.

Q 20 - 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 the above.

Q 21 - What MVC stands for?
A - Model View Control
B - Model View Controller
C - Main View Controller
D - Main View Control

Q 22 - What is MVC?
A - MVC is name of an algorithm.
B - MVC is a software design pattern for developing web applications.
C - MVC is a software technique to optimize web application performance.
D -None of the above.

Q 23 - 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 the above.

Q 24 - 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 the above.

Q 25 - 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 the above.

A N S W E R S
Question Number Answer Key

1 D	2 A	3 A	4 C	5 C	6 D	7 B
8 D	9 A	10 C	11 A	12 B	13 B	
14 D	15 C	16 C	17 D	18 D	19 C	
20 D	21 B	22 B	23 C	24 B	25 C	

Set-3

1.What are scopes in AngularJS?
A) Scopes define the accessibility of a javascript variable.
B) Scopes are objects that refer to the model. They act as glue between controller and view.
C) Scopes are objects that refer to the controller.
D) Scopes are objects that refer to the views.

2. 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 the above.
D) None of the above.

3. AngularJS expressions are written using.
A) ouble braces like {{ expression}}
B) single braces like {expression}
C) small bracket like (expression)
D) capital bracket like [expression]

4. Which of the following is true about ng-show directive ?
   A) ng-show directive can show a given control.
   B) ng-show directive can hide a given control.
   C) Both of the above.
   D) None of the above.

5. 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.

6. Which components can be injected as a dependency in AngularJS?
   A) Application Module   B) constant
   C) value   D) factory

7. Services are singleton objects which are instantiated only once in app.
   A) false   B) true

8. With AngularJS, developer writes less code and gets more functionality.
   A) false   B) true

9. AngularJS Expressions are used to bind application data to html.
   A) true   B) false

10. In AngularJS, Scope contains the model data.
   A) true   B) false

11. 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.
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12. 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.
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D) All of these

13. 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

14. 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.

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.

15. 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

16. Which of the following is not a core AngularJSdirective.
A) ng-app   B) ng-model
C) ng-bind   **D) ng-state**

17. 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

18. Which of the following is true about ng-controller directive?
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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

19. 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

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

21. 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.

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

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

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

25. In controllers, model data is not accessed via $scope object.
A) True   **B) False**
Explanation: In controllers, model data is accessed via $scope object.

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

27. AngularJS uses dependency injection and make use of separation of concerns.
A) True   B) False

28. 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.
config phase is the phase during which AngularJS bootstraps itself.
A) True   B) False

29. 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.

30. 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.

31. 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.

32. 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.

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

34. 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

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

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

37. 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

38. 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

39. 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

40. 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) {
});

41. 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',);

42. 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

43. Which directive initializeAngularJS application variables?
A) ng-init   B) ng-app
C) ng-initial   D) ng-model
E) None of these

44. 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

45. 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

46. 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

47. 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

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

49. 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

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

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

52. AngularJS is perfect for _____
A) AJAXB) Multi Page Applications
C) Single Page Applications (SPAs)
D) Windows Application

53. Which of the following is component of AngularJS
A) directives   B) expressions
C) filters   D) modules
E) controllers   **F) All of these**

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

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

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