

AngularJS MCQ with answer

Topics : [AngularJS](#)

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1. What is AngularJS?

- A. A server-side scripting language
- B. A JavaScript framework for building web applications
- C. A database management system
- D. A text editor

Answer: B. A JavaScript framework for building web applications

2. Who developed AngularJS?

- A. Google
- B. Microsoft
- C. Facebook
- D. Twitter

Answer: A. Google

3. What does the "ng" in AngularJS stand for?

- A. Next Generation
- B. New Growth
- C. Angular
- D. No Good

Answer: C. Angular

4. Which directive is used for two-way data binding in AngularJS?

- A. ng-bind
- B. ng-model
- C. ng-repeat
- D. ng-change

Answer: B. ng-model

5. What is the purpose of ng-app directive in AngularJS?

- A. It defines an AngularJS module
- B. It initializes a new AngularJS application
- C. It binds a model to an HTML element
- D. It defines a new controller

Answer: B. It initializes a new AngularJS application

6. What is an AngularJS module?

- A. A JavaScript function
- B. A collection of JavaScript functions
- C. A reusable piece of code
- D. A container for the different parts of an application

Answer: D. A container for the different parts of an application

7. Which directive is used to repeat a set of HTML elements in AngularJS?

- A. ng-repeat
- B. ng-if
- C. ng-show
- D. ng-switch

Answer: A. ng-repeat

8. What is the purpose of ng-controller directive in AngularJS?

- A. It defines a new controller
- B. It initializes a new AngularJS application
- C. It binds a model to an HTML element
- D. It defines an AngularJS module

Answer: A. It defines a new controller

9. What does the "scope" in AngularJS refer to?

- A. The visible area of a web page
- B. A JavaScript object that refers to the application model
- C. A part of the HTML document
- D. A type of directive

Answer: B. A JavaScript object that refers to the application model

10. Which service is used for making HTTP requests in AngularJS?

- A. \$http
- B. \$ajax

- C. \$request
- D. \$xhr

Answer: A. \$http

11. In AngularJS, what is the purpose of the "ng-show" directive?

- A. To hide an HTML element
- B. To show an HTML element
- C. To conditionally display an HTML element
- D. To create animations

Answer: C. To conditionally display an HTML element

12. What is the purpose of the "ng-hide" directive in AngularJS?

- A. To hide an HTML element
- B. To show an HTML element
- C. To conditionally hide an HTML element
- D. To create animations

Answer: C. To conditionally hide an HTML element

13. What is the purpose of ng-click directive in AngularJS?

- A. To conditionally hide an HTML element
- B. To handle a click event on an HTML element
- C. To create animations
- D. To show an HTML element

Answer: B. To handle a click event on an HTML element

14. Which of the following is true about services in AngularJS?

- A. Services are used to define controllers
- B. Services are not reusable across different parts of an application
- C. Services are singletons and are used for business logic, data sharing, and communication
- D. Services can only be used in controllers, not in directives

Answer: C. Services are singletons and are used for business logic, data sharing, and communication

15. What is the purpose of ng-submit directive in AngularJS?

- A. To conditionally hide an HTML element
- B. To handle a form submission
- C. To create animations
- D. To show an HTML element

Answer: B. To handle a form submission

16. **In AngularJS, how can you define a route for a view using ngRoute?**

- A. By using the ng-route attribute on the HTML element
- B. By using the ng-route directive in the AngularJS module configuration
- C. By using the \$routeProvider service in the AngularJS module configuration
- D. By including a route.js file in the HTML

Answer: C. By using the \$routeProvider service in the AngularJS module configuration

17. **What is dependency injection in AngularJS?**

- A. A way to include external libraries in AngularJS applications
- B. A design pattern for managing dependencies and making components more modular
- C. A method for handling AJAX requests in AngularJS
- D. A way to create new instances of controllers

Answer: B. A design pattern for managing dependencies and making components more modular

18. **Which directive is used to include external HTML files in AngularJS?**

- A. ng-include
- B. ng-external
- C. ng-import
- D. ng-attach

Answer: A. ng-include

19. **What does the "ng-disabled" directive do in AngularJS?**

- A. It disables all HTML elements on the page
- B. It disables a specific HTML element
- C. It conditionally disables an HTML element based on an expression
- D. It enables all HTML elements on the page

Answer: C. It conditionally disables an HTML element based on an expression

20. **Which directive is used for input validation in AngularJS?**

- A. ng-validate
- B. ng-check
- C. ng-model
- D. ng-required

Answer: D. ng-required

21. What is the purpose of AngularJS filters?

- A. To format and transform data displayed in the view
- B. To handle user authentication
- C. To define routes in the application
- D. To create animations

Answer: A. To format and transform data displayed in the view

22. Which AngularJS service is used to handle promises?

- A. \$http
- B. \$q
- C. \$promise
- D. \$deferred

Answer: B. \$q

23. What does ng-show/ng-hide do in AngularJS?

- A. It changes the visibility of an HTML element based on a condition
- B. It animates the showing/hiding of an HTML element
- C. It toggles the display of an HTML element
- D. It creates a new HTML element based on a condition

Answer: A. It changes the visibility of an HTML element based on a condition

24. Which directive is used to handle keyboard events in AngularJS?

- A. ng-keyboard
- B. ng-event
- C. ng-keypress
- D. ng-input

Answer: C. ng-keypress

25. What is the purpose of ng-options in AngularJS?

- A. It defines options for a select dropdown
- B. It defines options for ng-repeat
- C. It sets options for ng-model
- D. It creates options for ng-bind

Answer: A. It defines options for a select dropdown

26. How does AngularJS handle forms and form validation?

- A. Forms are not supported in AngularJS
- B. AngularJS uses the ng-form directive for form validation

- C. AngularJS automatically tracks and validates form data using the ng-model directive
- D. Form validation is handled using a separate AngularJS module

Answer: C. AngularJS automatically tracks and validates form data using the ng-model directive

27. What is the purpose of ng-cloak in AngularJS?

- A. To hide an HTML element
- B. To prevent displaying uncompiled AngularJS expressions
- C. To create animations
- D. To conditionally display an HTML element

Answer: B. To prevent displaying uncompiled AngularJS expressions

28. Which directive is used for routing in AngularJS applications?

- A. ng-route
- B. ng-router
- C. ng-routing
- D. ng-navigation

Answer: A. ng-route

29. What is the purpose of \$rootScope in AngularJS?

- A. To define global variables
- B. To create a new root scope for each controller
- C. To define global functions
- D. To broadcast events to all child scopes

Answer: A. To define global variables

30. What does the "digest cycle" in AngularJS refer to?

- A. The process of updating the view when the model changes
- B. The process of initializing AngularJS applications
- C. The process of compiling HTML templates
- D. The process of handling HTTP requests

Answer: A. The process of updating the view when the model changes

31. How can you create a custom directive in AngularJS?

- A. By using the ng-custom directive
- B. By defining a new controller
- C. By using the ng-directive directive
- D. By using the directive method in an AngularJS module

Answer: D. By using the directive method in an AngularJS module

32. What is the purpose of ng-animate in AngularJS?

- A. To define animations in AngularJS applications
- B. To disable animations in AngularJS applications
- C. To conditionally animate HTML elements
- D. To animate ng-repeat elements

Answer: A. To define animations in AngularJS applications

33. How does AngularJS support testing?

- A. AngularJS does not provide testing support
- B. By using the Jasmine testing framework
- C. By using the Protractor testing framework
- D. By providing the ng-test directive

Answer: B. By using the Jasmine testing framework

34. What is the purpose of ng-init in AngularJS?

- A. To initialize a new AngularJS module
- B. To define initial values for variables in the controller
- C. To create a new instance of a controller
- D. To handle form initialization

Answer: B. To define initial values for variables in the controller

35. What does the "track by" clause in ng-repeat do in AngularJS?

- A. It disables tracking of ng-repeat items
- B. It defines a unique key for tracking the identity of ng-repeat items
- C. It tracks the iteration count of ng-repeat
- D. It is not a valid clause in ng-repeat

Answer: B. It defines a unique key for tracking the identity of ng-repeat items

36. What is the purpose of \$location service in AngularJS?

- A. To handle form submissions
- B. To manage the application's URL
- C. To make HTTP requests
- D. To create animations

Answer: B. To manage the application's URL

37. Which directive is used to bind HTML content in AngularJS?

- A. ng-content
- B. ng-html
- C. ng-bind-html
- D. ng-html-content

Answer: C. ng-bind-html

38. How can you prevent the default action of an event in AngularJS?

- A. By using ng-default-action directive
- B. By using ng-stop-propagation directive
- C. By using ng-prevent-default directive
- D. By calling event.preventDefault() in the event handler

Answer: C. By using ng-prevent-default directive

39. What is ng-href used for in AngularJS?

- A. To define a hyperlink in AngularJS
- B. To conditionally set the href attribute of an HTML element
- C. To handle hyperlink clicks
- D. To create animations

Answer: B. To conditionally set the href attribute of an HTML element

40. How can you dynamically load a template in AngularJS?

- A. By using ng-template directive
- B. By using ng-dynamic directive
- C. By using ng-load-template directive
- D. By using ng-include directive

Answer: D. By using ng-include directive

41. What is the purpose of ng-class in AngularJS?

- A. To conditionally apply CSS classes to HTML elements
- B. To define a new CSS class
- C. To create animations
- D. To handle form submissions

Answer: A. To conditionally apply CSS classes to HTML elements