1. What is Angular?

a. A programming language

b. A JavaScript framework

c. A browser extension

d. An operating system

2. Which command is used to create a new Angular project in Angular CLI?

a. ng new

b. ng create

c. ng generate

d. ng build

3. Which of the following is not a core module in Angular?

a. FormsModule

b. HttpClientModule

c. RouterModule

d. ReactiveFormsModule

4. In Angular, what is the purpose of a component?

a. To manage routes

b. To define the application's root module

c. To define the UI and behavior for a part of the application

d. To handle HTTP requests

5. What is Angular CLI used for?

a. Styling web applications

b. Building and testing Angular applications

c. Managing databases

d. Creating server-side APIs

6. In Angular, how can you pass data from a parent component to a child component?

a. Using the @Input decorator

b. Using the @Output decorator

c. Using the @ViewChild decorator

d. Using the @ContentChild decorator

7. Which decorator is used to define a component in Angular?

a. @Component

b. @Directive

c. @Module

d. @Injectable

8. What is the purpose of Angular modules?

a. To manage database connections

b. To organize the application into cohesive blocks

c. To define CSS styles

d. To create web components

9. What is data binding in Angular?

a. Connecting to external databases

b. Connecting to external REST APIs

c. Synchronizing the view and model

d. Defining HTTP requests

10. In Angular, what is the purpose of the ActivatedRoute?

a. To define route parameters

b. To manage forms

c. To create services

d. To handle authentication

11. Which of the following is used for two-way data binding in Angular?

a. [(ngModel)]

b. {{ data }}

c. [property]

d. (event)

12. What is the purpose of the Angular Router?

a. To manage HTTP requests

b. To define application modules

c. To handle navigation and routing within the application

d. To create custom directives

13. How can you prevent a route from being activated in Angular?

a. By using canActivate guard

b. By using @Injectable decorator

c. By using @Output decorator

d. By using @ViewChild decorator

14. Which Angular command is used to serve the application locally during development?

a. ng start

b. ng serve

c. ng run

d. ng deploy

15. What is the purpose of the \*ngFor directive in Angular?

a. To create custom directives

b. To iterate over a list of items and generate HTML for each item

c. To define route parameters

d. To manage HTTP requests

16. Which of the following is a valid way to define a route in Angular?

a. <route path="/about" component="AboutComponent">

b. { path: '/about', component: 'AboutComponent' }

c. { path: 'about', component: AboutComponent }

d. route('/about', AboutComponent)

17. In Angular, what does a service do?

a. Manages user authentication

b. Defines the application's root module

c. Provides shared functionality and data to multiple parts of the application

d. Handles routing and navigation

18. What is the purpose of the ngIf directive in Angular?

a. To create a loop

b. To conditionally render HTML elements

c. To define route parameters

d. To handle user authentication

19. What is the purpose of the Angular HttpClient module?

a. To manage HTTP requests and responses

b. To handle user authentication

c. To define the application's root component

d. To create forms

20. What is dependency injection in Angular?

a. A way to define routes

b. A technique for managing CSS styles

c. A design pattern for providing components with the services and data they need

d. A method for creating custom directives

21. Which of the following is used to handle asynchronous operations in Angular?

a. Promises

b. Observables

c. Callback functions

d. Async/await

22. In Angular, what is the purpose of the ngOnInit lifecycle hook?

a. To define route parameters

b. To handle HTTP requests

c. To perform initialization tasks when a component is created

d. To create custom directives

23. What is Angular Material?

a. A web development framework

b. A data binding library

c. A UI component library for Angular

d. A server-side scripting language

24. What is the purpose of the ActivatedRouteSnapshot in Angular's routing?

a. To create forms

b. To handle HTTP requests

c. To provide access to the current route's information

d. To manage CSS styles

25. Which command is used to build an Angular application for production?

a. ng build

b. ng serve

c. ng deploy

d. ng run

Answers:

1. b

2. a

3. c

4. c

5. b

6. a

7. a

8. b

9. c

10. a

11. a

12. c

13. a

14. b

15. b

16. c

17. c

18. b

19. a

20. c

21. b

22. c

23. c

24. c

25. a

Please note that these questions are based on Angular 11 concepts and features as of my last knowledge update in September 2021. Angular may have evolved since then, so make sure to refer to the official documentation for any updates or changes.