1. The services in angular are responsible for:   
   a. Creating user interface and provide dynamic behaviour to it.

b. Creating re-usable services with data processing and dealing with http services.

c. both a. and b.

d. none of the above.

1. The components in angular are responsible for:   
   a. Creating user interface and provide dynamic behaviour to it.

b. Creating re-usable services with data processing and dealing with http services.

c. both a. and b.

d. none of the above.

1. If any component of a module AModule needs to use service BService, and if the service needs to be used as singleton service, then the entry of BService must be done
2. In the imports array of module Amodule
3. In the providers array of module Amodule.
4. In the declarations array of module Amodule.
5. In all of the above options
6. If a module wants to expose its functionalities/components/pipes etc to other modules, then it can do it by providing the entries of the components/pipes etc in :
7. Imports array
8. Providers array
9. Exports array
10. All of the above.
11. To capture the route params and query params passed from the previous component , through which current component was navigated, in the current component , we need to inject :
12. Router
13. ActivatedRoute
14. Route
15. None

**6 .** Angular is suitable for creating ?

1. Single page Applications ( SPAs)
2. Multi page Applications (MPAs)
3. Both a. and b.
4. Neither a nor b

**7.** ngModel is :

a. structural directive b. Pipe c. Component directive d. Attribute directive

**8.** The difference between binding the [hidden] property vs using \*ngIf for toggling between the visibility of an element is :

a. ngIf will modify the DOM structure and can be used to remove the element or add the element into the DOM where as [hidden] will keep it in DOM in both the states.

b. [hidden] will modify the DOM structure and can be used to remove the element or add the element into the DOM where as \*ngIF will keep it in DOM in both the states.

c. both [hidden] and \*ngIf can modify the DOM

d. neither [hidden] nor \*ngIf can modify the DOM

**9.** Which decorator is used to create services in angular

a. @Pipe b. @Service c. @Component d. @Injectable

**10.** To create custom directive, which decorator is used ?

a. @Component b. @Directive c. @Injectable d. @Pipe

**11.** Which of the following building block of Angular will be used to deal with remote APIs for data related functionalities?

a. Component b. Service c. Both d. None

**12.** Which directive is used for creating a group element in template driven forms?

a. ngFormGroup b. ngModel c. formControlName d. ngModelGroup

**13.** Which of the following lifecycle methods of angular component can act as best option to be used placeholder to write some code that needs to be executed every time something changes on the component.

a. ngOnInit b. ngOnChanges c. ngDoCheck d. ngOnDestroy

**14.** Which of the following lifecycle methods of angular component can act as best option to be used placeholder to write some code that needs to be executed only once right after component is initialized.

a. ngOnInit b. ngOnChanges c. ngDoCheck d. ngOnDestroy

**15.** Which of the following files is there to manage the configuration settings related to angular application

a. angular.json b. package.json c. tsconfig.json d. none

**16.** Which module does ngModel directive belongs to ?

a. BrowserModule b.HttpClientModule c. FormsModule d.ReactiveFormsModule

**17.** Which type of form creational options would you prefer for creating complex types of forms which may also include the requirement to create dynamic form elements.

a. Template Driven Form b. Reactive Form c. Both d. None

**18.** Which version of Angular is MVC based framework?

a. Angular JS ( v1) b. Angular 6 c. Angular 10 d. Angular 15

**19.** Which module does ngFor directive belongs to ?

a. BrowserModule b.HttpClientModule c. FormsModule d.ReactiveFormsModule

**20**. Which of the following type of directives does the DOM manipulations?

a. ngFor b. ngStyle c. ngClass d. None of these

**21.** Which of the following medata is used to give link of the html/template of the component ?

a. templateUrl b. styleUrls b. selectors d. None of the above.

**22.** Which of the following options provides 2 way data binding ?

a. ngStyle b. ngModel c. Interpolation d. Property Binding

**23.** Ramesh is working on an application where he needs to represent some cost of products along with the currency showing the unit on some component’s template, but without manipulating the string/value in the class of the component. What option he will use to transform the data in desired format on template

a. Directive b. Pipe c. Data binding d. none of these

**24**. Which of the following method has to be overridden in the class of custom pipe ?

a. transform b. pipe c. ngOnInit d. None of these

**25.** What is the functionality of the @Output decorator

a. Share data from child component to parent

b. Use a service

c. Use event  binding

d. Share data from parent component to child component