

P6 Angular Formative assessment - Test 1



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Points: 19/31

Time: 21:01

✗ **Incorrect** 0/1 Points

1. In Angular, you can pass data from the child component to the parent component by using: *

☐ @Output()

☒ @Input()

☐ Input

☐ Output

✓ **Correct** 1/1 Points

2. Which of the following command is used to generate a javascript file from a typescript file? *

☐ npm filename.ts

☒ tsc filename.ts

☐ tsc filename.js

☐ tsc -js filename.ts

☐ node filename.ts

✓ **Correct** 1/1 Points



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3. Which of the following are valid arrow functions?

- ☒ let sum = (x: number, y:number) => x + y;
- ☐ let sum() : (x: number, y:number) => x + y;
- ☒ let sum = (x: number, y:number) => { return x + y };
- ☐ let sum : (x: number, y:number) => x + y;

✗ **Incorrect** 0/1 Points

4. Select the correct statements from the below? *

- ☐ String Interpolation and Property binding both are one-way binding. Means, if field value in the component changes, Angular will automatically update the DOM. But any changes in the DOM will not be reflected back in the component.
- ☒ String Interpolation and Property binding both are one-way binding. Means, if you change the DOM element, field value of the component automatically changes. But any changes in the component will not be reflected back in the DOM element.
- ☐ String Interpolation and Property binding both are examples of two-way data binding.
- ☒ In two-way databinding, automatic synchronization of data happens between the Model and the View

✓ **Correct** 1/1 Points

5. Two way data binding we can achieve in Angular by using *

☒ ngModel

☐ ngClass☐ event binding☐ property binding

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✓ **Correct** 1/1 Points

6. The below code refers to what kind of binding?

** ***

☐ event binding☒ property binding☐ interpolation☐ two way data binding

✓ **Correct** 1/1 Points

7. Which class is used to style a close icon?


*


☒ .btn-close☐ .x☐ .btn-x☐ .close-icon

✗ **Incorrect** 0/1 Points

8. Which of the following bootstrap styles are used to create a vertical pills navigation? *

- ☒ .nav, .nav-tabs, .nav-justified
- ☐ .nav, .nav-pills, .nav-stacked
- ☐ .nav, .nav-pills
- ☐ .nav, .nav-tabs

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✗ **Incorrect** 0/1 Points

9. The rest parameters in a function is used when ? *

- ☒ The types of parameters is not known
- ☐ The number of parameters is not known
- ☐ The function needs to be executed asynchronously
- ☐ The function is called recursively

✓ **Correct** 1/1 Points

10. The Bootstrap grid system is based on how many columns? *

- ☐ 6
- ☐ 9
- ☒ 12
- ☐ 11

☐ 10

✗ **Incorrect** 0/1 Points



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11. @Component can contains the following

- ☒ selector
- ☐ imports
- ☒ templateUrl
- ☐ declarations
- ☒ styleUrls
- ☐ template
- ☐ providers
- ☐ styles

✓ **Correct** 1/1 Points


12. Which of the following class indicates a successful or positive action? *


- ☐ .active
- ☒ .success
- ☐ .warning
- ☐ .danger

✗ **Incorrect** 0/1 Points

13. For two way data binding, we have to import which module in Angular? *

- ☐ FormsModule
- ☐ BrowserModule
- ☒ NgModule
- ☐ RoutingModule

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✗ **Incorrect** 0/1 Points

14. What are the command to create the component in Angular? (Select all applicable) *

- ☐ ng generate component component-name
- ☐ ng new c component-name
- ☒ ng g c component-name
- ☐ ng serve c component-name

✓ **Correct** 1/1 Points

15. Which of the following statement declares a variable in Typescript? *

- ☐ var myVar = 123;
- ☐ var myVar:number = 123;
- ☐ let myVar:number = 123;

☒ all of the above

✓ **Correct** 1/1 Points

16. Which directive modifies DOM hierarchy?



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☒ Structural directive

☐ Attribute directive

✗ **Incorrect** 0/1 Points

17. Which class indicates uppercased text? *

☐ .text-capitalize

☒ .text-upper

☐ .text-uppercase

☐ .uppercase

✓ **Correct** 1/1 Points

18. Which component is used to cycle through elements, like a slideshow? *

☐ orbit

☒ carousel

☐ slideshow

☐ scroll

✗ **Incorrect** 0/1 Points

19. Which class can be used to float an element to the right of the page?

*

- ☐ .float-start
- ☐ .float-end
- ☒ .float-right
- ☐ .float-left



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✓ **Correct** 1/1 Points

20. Custom pipe can modify actual value of variable apart from different presentation in HTML.

*

- ☐ True
- ☒ False

✓ **Correct** 1/1 Points

21. In Angular, you can pass data from the parent component to the child component by using

*

- ☐ @Output()
- ☒ @Input()
- ☐ Input

☐ Output

✓ **Correct** 1/1 Points



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22. Which of the following bootstrap button? * default/ standard

☒ .btn

☐ .btn-primary

☐ .btn-success

☐ .btn-info

✓ **Correct** 1/1 Points

23. What is the decorator used for configuring your module class? *

☒ @NgModule

☐ @NgApp

☐ @Module

☐ @Component

✓ **Correct** 1/1 Points

24. The below code refers to what kind of binding?

<button (click)="cookBacon()" > </button>

*

☐ property binding

- ☒ event binding
- ☐ interpolation
- ☐ two way data binding



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✗ **Incorrect** 0/1 Points

25. What is the output of th below code?

```
@Component({
  selector: 'app-root',
  templateUrl: `
    <p> Salary is: {{salary | number:'5.4-5'}} </p>
  `,
  styles: []
})
export class AppComponent {
  salary = 25500.543;
}
```

*

- ☒ Salary is: 25,500.5430
- ☐ Salary is: 25,500.543
- ☐ code will not compile
- ☐ code will compile but will not print anything

✓ **Correct** 1/1 Points

26. Module class in Angular can contain the following properties *

- ☒ declarations
- ☒ exports

☐ import☒ imports☐ declaration☒ providers☐ import☒ bootstrap

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✓ **Correct** 1/1 Points

27. The .container-fluid class provides a fixed width container, spanning the entire width of the screen *

☐ true☒ false

✓ **Correct** 1/1 Points

28. Which of the followings are primitive types supported in Typescript? *

☐ number☐ string☐ boolean☒ all of the above

✓ **Correct** 1/1 Points

29. Interpolation in angular is done using *

☒ {{ expression }}

☐ [expression]

☐ (expression)

☐ [(expression)]



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✗ **Incorrect** 0/1 Points

30. Which class shapes an image to a circle? *

☐ .img-round

☐ .rounded-circle

☐ .img-rounded

☒ .img-circle

✗ **Incorrect** 0/1 Points

31. You apply a style selector in a component's CSS file. Which matching elements will be affected?

*

☐ All matching elements in the application

☒ All matching elements in the component and its child components

☐ All matching elements in the module

☐ All matching elements in the component, only



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