Angular Components and Data Binding - MCQs

Question 1

What are the fundamental building blocks of Angular applications?

1. Components

2. Modules

3. Directives

4. Services

Answer: 1

Question 2

Which decorator is used to define a component in Angular?

1. @Component

2. @Directive

3. @Service

4. @Module

Answer: 1

Question 3

Which method is not a step in manually creating a component?

1. Creating the Template

2. Creating a Service

3. Registering the Component

4. Creating a Component Class

Answer: 2

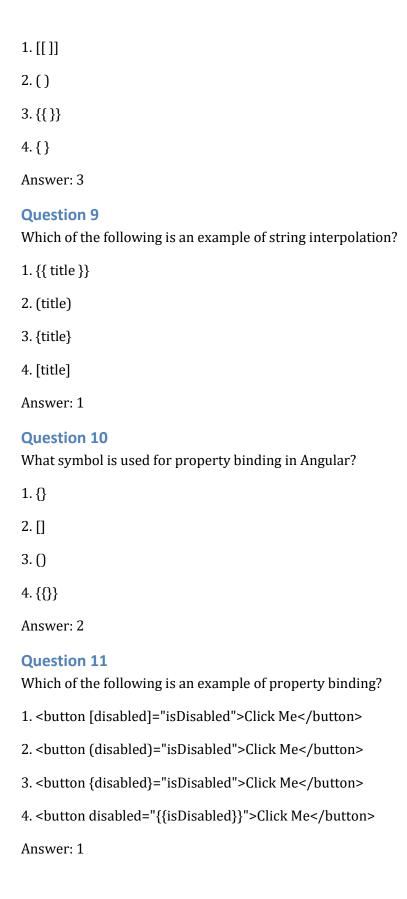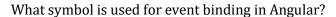## Question 4

In the component metadata, which property is used to specify the component's HTML template?

1. styleUrls

2. template

3. selector

4. templateUrl

Answer: 4

Question 5
Which syntax is used for defining an inline template in Angular?

1. Parentheses (( ))

2. Backticks (` `)

3. Double quotes (" ")

4. Single quotes (' ')

Answer: 2

Question 6
How do you reference an external CSS file in a component?

1. styles

2. cssUrl

3. styleUrls

4. link

Answer: 3

Question 7
Which of the following is not a form of data binding in Angular?

1. Event Binding

2. Directive Binding

3. Property Binding

4. String Interpolation

Answer: 2

Question 8
What syntax is used for string interpolation in Angular?

1. [[ ]]

2. ( )

3. {{ }}

4. { }

Answer: 3

Question 9

Which of the following is an example of string interpolation?

1. {{ title }}

2. (title)

3. {title}

4. [title]

Answer: 1

Question 10

What symbol is used for property binding in Angular?

1. {}

2. []

3. ()

4. {{}}

Answer: 2

Question 11

Which of the following is an example of property binding?

1. <button [disabled]="isDisabled">Click Me</button>

2. <button (disabled)="isDisabled">Click Me</button>

3. <button {disabled}="isDisabled">Click Me</button>

4. <button disabled="{{isDisabled}}">Click Me</button>

Answer: 1

Question 12

What symbol is used for event binding in Angular?

1. {{}}

2. ()

3. []

4. {}

Answer: 2

Question 13

Which of the following is an example of event binding?

1. <button (click)="handleClick()">Click Me</button>

2. <button {click}="handleClick()">Click Me</button>

3. <button {{click}}="handleClick()">Click Me</button>

4. <button [click]="handleClick()">Click Me</button>

Answer: 1

Question 14

What syntax is used for two-way data binding in Angular?

1. {{ }}

2. [[ ]]

3. (ngModel)

4. [(ngModel)]

Answer: 4

Question 15

Which of the following is an example of two-way binding?

1. <input {{ngModel}}="name">

2. <input {ngModel}="name">

3. <input [ngModel]="name">

4. <input [(ngModel)]="name">

Answer: 4

Question 16

Which decorator is used to pass data from a parent component to a child component?

1. @EventEmitter

2. @Input

3. @Injectable

4. @Output

Answer: 2

Question 17

Which decorator is used to pass data from a child component to a parent component?

1. @Input

2. @EventEmitter

3. @Output

4. @Injectable

Answer: 3

Question 18

Which Angular class is used to create custom events?

1. EventEmitterClass

2. EventHandler

3. EventEmitter

4. EventDispatcher

Answer: 3

Question 19

Which of the following is an example of string interpolation?

1. {{ title }}

2. (title)

3. {title}

4. [title]

Answer: 1

Question 20

What symbol is used for property binding in Angular?

1. {{}}

2. []

3. {}

4. ()

Answer: 2

Question 21

In the component metadata, which property is used to specify the component's HTML template?

1. styleUrls

2. template

3. selector

4. templateUrl

Answer: 4

Question 22

Which of the following is an example of event binding?

1. <button {click}="handleClick()">Click Me</button>

2. <button (click)="handleClick()">Click Me</button>

3. <button [click]="handleClick()">Click Me</button>

4. <button {{click}}="handleClick()">Click Me</button>

Answer: 2

Question 23

Which of the following is an example of property binding?

1. <button {disabled}="isDisabled">Click Me</button>

2. <button (disabled)="isDisabled">Click Me</button>

3. <button [disabled]="isDisabled">Click Me</button>

4. <button disabled="{{isDisabled}}">Click Me</button>

Answer: 3

Question 24
How do you reference an external CSS file in a component?

1. cssUrl

2. styleUrls

3. styles

4. link

Answer: 2

Question 25
Which Angular class is used to create custom events?

1. EventEmitterClass

2. EventEmitter

3. EventHandler

4. EventDispatcher

Answer: 2

Question 26
What syntax is used for two-way data binding in Angular?

1. [(ngModel)]

2. {{ }}

3. [[ ]]

4. (ngModel)

Answer: 1

Question 27
Which of the following is an example of event binding?

1. <button [click]="handleClick()">Click Me</button>

2. <button {{click}}="handleClick()">Click Me</button>

3. <button {click}="handleClick()">Click Me</button>

4. <button (click)="handleClick()">Click Me</button>

Answer: 4

Question 28
Which syntax is used for defining an inline template in Angular?

1. Single quotes (' ')

2. Backticks (` `)

3. Parentheses (( ))

4. Double quotes (" ")

Answer: 2

Question 29
Which Angular class is used to create custom events?

1. EventEmitterClass

2. EventEmitter

3. EventDispatcher

4. EventHandler

Answer: 2

Question 30
Which of the following is an example of event binding?

1. <button (click)="handleClick()">Click Me</button>

2. <button {click}="handleClick()">Click Me</button>

3. <button [click]="handleClick()">Click Me</button>

4. <button {{click}}="handleClick()">Click Me</button>

Answer: 1

Question 31
Which decorator is used to pass data from a child component to a parent component?

1. @Output

2. @Input

3. @EventEmitter

4. @Injectable

Answer: 1

Question 32

Which decorator is used to define a component in Angular?

1. @Directive

2. @Component

3. @Service

4. @Module

Answer: 2

Question 33

How do you reference an external CSS file in a component?

1. styleUrls

2. cssUrl

3. link

4. styles

Answer: 1

Question 34

What symbol is used for property binding in Angular?

1. {{}}

2. ()

3. {}

4. []

Answer: 4

Question 35

What symbol is used for property binding in Angular?

1. {}

2. []

3. ()

4. {{}}

Answer: 2

Question 36

In the component metadata, which property is used to specify the component's HTML template?

1. styleUrls

2. selector

3. templateUrl

4. template

Answer: 3

Question 37

What are the fundamental building blocks of Angular applications?

1. Directives

2. Components

3. Services

4. Modules

Answer: 2

Question 38

Which of the following is an example of property binding?

1. <button disabled="{{isDisabled}}">Click Me</button>

2. <button (disabled)="isDisabled">Click Me</button>

3. <button {disabled}="isDisabled">Click Me</button>

4. <button [disabled]="isDisabled">Click Me</button>

Answer: 4

Question 39

What symbol is used for property binding in Angular?

1. ()

2. []

3. {}

4. {{}}

Answer: 2

Question 40

Which decorator is used to pass data from a parent component to a child component?

1. @Injectable

2. @EventEmitter

3. @Input

4. @Output

Answer: 3

Question 41

Which method is not a step in manually creating a component?

1. Creating a Component Class

2. Creating a Service

3. Registering the Component

4. Creating the Template

Answer: 2

Question 42

Which decorator is used to pass data from a parent component to a child component?

1. @EventEmitter

2. @Output

3. @Input

4. @Injectable

Answer: 3

Question 43
Which of the following is an example of string interpolation?

1. [title]

2. {{ title }}

3. {title}

4. (title)

Answer: 2

Question 44
Which of the following is an example of property binding?

1. <button disabled="{{isDisabled}}">Click Me</button>

2. <button {disabled}="isDisabled">Click Me</button>

3. <button [disabled]="isDisabled">Click Me</button>

4. <button (disabled)="isDisabled">Click Me</button>

Answer: 3

Question 45
What symbol is used for event binding in Angular?

1. {}

2. []

3. ()

4. {{}}

Answer: 3

Question 46
Which Angular class is used to create custom events?

1. EventDispatcher

2. EventHandler

3. EventEmitter

4. EventEmitterClass

Answer: 3

Question 47

What syntax is used for string interpolation in Angular?

1. [[ ]]

2. ( )

3. { }

4. {{ }}

Answer: 4

Question 48

Which of the following is not a form of data binding in Angular?

1. Directive Binding

2. Property Binding

3. String Interpolation

4. Event Binding

Answer: 1

Question 49

Which decorator is used to define a component in Angular?

1. @Module

2. @Service

3. @Component

4. @Directive

Answer: 3

Question 50

What symbol is used for property binding in Angular?

1. []

2. {}

3. ()

4. {{}}

Answer: 1

Question 51

Which of the following is an example of two-way binding?

1. <input [ngModel]="name">

2. <input {{ngModel}}="name">

3. <input [(ngModel)]="name">

4. <input {ngModel}="name">

Answer: 3

Question 52

Which decorator is used to pass data from a child component to a parent component?

1. @Injectable

2. @Input

3. @EventEmitter

4. @Output

Answer: 4

Question 53

What symbol is used for event binding in Angular?

1. ()

2. []

3. {}

4. {{}}

Answer: 1

Question 54

In the component metadata, which property is used to specify the component's HTML template?

1. template

2. templateUrl

3. styleUrls

4. selector

Answer: 2

Question 55

Which decorator is used to define a component in Angular?

1. @Component

2. @Directive

3. @Service

4. @Module

Answer: 1

Question 56

Which decorator is used to define a component in Angular?

1. @Module

2. @Component

3. @Directive

4. @Service

Answer: 2

Question 57

Which of the following is an example of two-way binding?

1. <input {{ngModel}}="name">

2. <input [(ngModel)]="name">

3. <input [ngModel]="name">

4. <input {ngModel}="name">

Answer: 2

Question 58

Which Angular class is used to create custom events?

1. EventEmitterClass

2. EventEmitter

3. EventHandler

4. EventDispatcher

Answer: 2

Question 59

Which method is not a step in manually creating a component?

1. Registering the Component

2. Creating a Component Class

3. Creating a Service

4. Creating the Template

Answer: 3

Question 60

Which decorator is used to define a component in Angular?

1. @Service

2. @Directive

3. @Module

4. @Component

Answer: 4

Question 61

Which decorator is used to pass data from a child component to a parent component?

1. @EventEmitter

2. @Injectable

3. @Input

4. @Output

Answer: 4

Question 62
What syntax is used for two-way data binding in Angular?

1. {{ }}

2. [(ngModel)]

3. (ngModel)

4. [[ ]]

Answer: 2

Question 63
What syntax is used for string interpolation in Angular?

1. {{ }}

2. [[ ]]

3. { }

4. ( )

Answer: 1

Question 64
Which decorator is used to pass data from a parent component to a child component?

1. @Output

2. @Injectable

3. @Input

4. @EventEmitter

Answer: 3

Question 65
Which syntax is used for defining an inline template in Angular?

1. Single quotes (' ')

2. Parentheses (( ))

3. Double quotes (" ")

4. Backticks (` `)

Answer: 4

Question 66

Which of the following is an example of property binding?

1. <button disabled="{{isDisabled}}">Click Me</button>

2. <button [disabled]="isDisabled">Click Me</button>

3. <button (disabled)="isDisabled">Click Me</button>

4. <button {disabled}="isDisabled">Click Me</button>

Answer: 2

Question 67

What symbol is used for property binding in Angular?

1. ()

2. {}

3. []

4. {{}}

Answer: 3

Question 68

What symbol is used for event binding in Angular?

1. {}

2. {{}}

3. ()

4. []

Answer: 3

Question 69

Which decorator is used to pass data from a child component to a parent component?

1. @Input

2. @EventEmitter

3. @Injectable

4. @Output

Answer: 4

Question 70
What symbol is used for property binding in Angular?

1. {}

2. {{}}

3. ()

4. []

Answer: 4

Question 71
Which of the following is an example of event binding?

1. <button [click]="handleClick()">Click Me</button>

2. <button (click)="handleClick()">Click Me</button>

3. <button {click}="handleClick()">Click Me</button>

4. <button {{click}}="handleClick()">Click Me</button>

Answer: 2

Question 72
Which of the following is an example of string interpolation?

1. [title]

2. {title}

3. {{ title }}

4. (title)

Answer: 3

Question 73
What syntax is used for string interpolation in Angular?

1. [[ ]]

2. {{ }}

3. ( )

4. { }

Answer: 2

Question 74
What symbol is used for property binding in Angular?

1. {{}}

2. []

3. {}

4. ()

Answer: 2

Question 75
How do you reference an external CSS file in a component?

1. styles

2. cssUrl

3. styleUrls

4. link

Answer: 3

Question 76
Which method is not a step in manually creating a component?

1. Creating a Service

2. Creating the Template

3. Registering the Component

4. Creating a Component Class

Answer: 1

Question 77
Which of the following is an example of event binding?

1. <button [click]="handleClick()">Click Me</button>

2. <button {click}="handleClick()">Click Me</button>

3. <button (click)="handleClick()">Click Me</button>

4. <button {{click}}="handleClick()">Click Me</button>

Answer: 3

Question 78
What symbol is used for property binding in Angular?

1. {}

2. {{}}

3. []

4. ()

Answer: 3

Question 79
What symbol is used for event binding in Angular?

1. ()

2. []

3. {{}}

4. {}

Answer: 1

Question 80
Which decorator is used to define a component in Angular?

1. @Module

2. @Directive

3. @Component

4. @Service

Answer: 3

Question 81

What are the fundamental building blocks of Angular applications?

1. Modules

2. Services

3. Directives

4. Components

Answer: 4

Question 82

What symbol is used for event binding in Angular?

1. []

2. ()

3. {}

4. {{}}

Answer: 2

Question 83

Which method is not a step in manually creating a component?

1. Creating the Template

2. Registering the Component

3. Creating a Service

4. Creating a Component Class

Answer: 3

Question 84

Which method is not a step in manually creating a component?

1. Creating a Service

2. Creating a Component Class

3. Registering the Component

4. Creating the Template

Answer: 1

Question 85

Which of the following is an example of event binding?

1. <button (click)="handleClick()">Click Me</button>

2. <button [click]="handleClick()">Click Me</button>

3. <button {{click}}="handleClick()">Click Me</button>

4. <button {click}="handleClick()">Click Me</button>

Answer: 1

Question 86

What are the fundamental building blocks of Angular applications?

1. Modules

2. Services

3. Directives

4. Components

Answer: 4

Question 87

Which syntax is used for defining an inline template in Angular?

1. Double quotes (" ")

2. Backticks (` `)

3. Parentheses (( ))

4. Single quotes (' ')

Answer: 2

Question 88

In the component metadata, which property is used to specify the component's HTML template?

1. template

2. selector

3. styleUrls

4. templateUrl

Answer: 4

Question 89

How do you reference an external CSS file in a component?

1. styleUrls

2. styles

3. link

4. cssUrl

Answer: 1

Question 90

What syntax is used for string interpolation in Angular?

1. [[ ]]

2. { }

3. {{ }}

4. ( )

Answer: 3

Question 91

What syntax is used for string interpolation in Angular?

1. { }

2. ( )

3. {{ }}

4. [[ ]]

Answer: 3

Question 92

How do you reference an external CSS file in a component?

1. styles

2. cssUrl

3. link

4. styleUrls

Answer: 4

Question 93
Which syntax is used for defining an inline template in Angular?

1. Single quotes (' ')

2. Backticks (` `)

3. Parentheses (( ))

4. Double quotes (" ")

Answer: 2

Question 94
Which of the following is not a form of data binding in Angular?

1. Property Binding

2. String Interpolation

3. Event Binding

4. Directive Binding

Answer: 4

Question 95
What are the fundamental building blocks of Angular applications?

1. Modules

2. Directives

3. Services

4. Components

Answer: 4

Question 96
Which syntax is used for defining an inline template in Angular?

1. Double quotes (" ")

2. Single quotes (' ')

3. Parentheses (( ))

4. Backticks (` `)

Answer: 4

Question 97
Which Angular class is used to create custom events?

1. EventDispatcher

2. EventHandler

3. EventEmitter

4. EventEmitterClass

Answer: 3

Question 98
Which method is not a step in manually creating a component?

1. Registering the Component

2. Creating a Service

3. Creating the Template

4. Creating a Component Class

Answer: 2

Question 99
Which of the following is an example of two-way binding?

1. <input {{ngModel}}="name">

2. <input [(ngModel)]="name">

3. <input {ngModel}="name">

4. <input [ngModel]="name">

Answer: 2

Question 100
How do you reference an external CSS file in a component?

1. link

2. styleUrls

3. styles

4. cssUrl

Answer: 2

Question 101

Which of the following is not a form of data binding in Angular?

1. Event Binding

2. Directive Binding

3. String Interpolation

4. Property Binding

Answer: 2

Question 102

Which decorator is used to pass data from a parent component to a child component?

1. @Input

2. @Output

3. @EventEmitter

4. @Injectable

Answer: 1